Bidder's Name:	Micro-Optics Precision Instruments, Inc.

For each Product Category being bid, Bidder shall offer a single category discount percentage (must be greater than 0%) from their regularly published commercial price list which shall apply to all items within the product category.

The category discount entered on this tab (yellow highlighted fields below) will populate the appropriate spreadsheet related to the product category.

If Bidder is not bidding a specific product category, Bidder may leave category discount blank on this tab.

	Product Category	Lot 1 'Non-Information Technology Based STEM/STEAM Products' Category Discounts	Lot 2 'Information Technology Based STEM/STEAM Products' Category Discounts
1	3D Printing		
2	Science Laboratory and Teaching Supplies	4.00%	
3	Robotics Kits and Parts		
4	Drone Kits and Parts		
5	STEM/STEAM Educational Materials		
6	Virtual Reality and Augmented Reality Equipment and Supplies		
7	Packaged Virtual Reality Products and Simulation Equipment		

Non-Information Technology Based STEM/STEAM Products
PRICING PAGE

Company Name:	Micro-Optics Precision Instruments, Inc.		Effective 3/17/2026					
Product Category	**Bidder Item Number**	**Item Description**	**Manufacturer Name**	**Manufacturer Item Number**	**Unit of Measure (ie. Each/Case)**	**List Price**	**Contract Discount %**	**Contract Price**
Science Laboratory and Teaching Supplies	000000-2555-515	Protect premium Axiocam Mid-Range	Carl Zeiss	000000-2555-515	Each	$719.04	4.0%	$690.28
Science Laboratory and Teaching Supplies	000000-2555-551	Protect premium Axiocam High-End	Carl Zeiss	000000-2555-551	Each	$1,194.12	4.0%	$1,146.36
Science Laboratory and Teaching Supplies	000000-1912-874	Protect premium Research Microscope mot	Carl Zeiss	000000-1912-874	Each	$5,662.44	4.0%	$5,435.94
Science Laboratory and Teaching Supplies	415501-0121-000	Primostar 1, fix-K, bi, FOV20, 4 pos, ABBE 0.9, 75x40,	Carl Zeiss	415501-0121-000	Each	$1,362.11	4.0%	$1,307.63
Science Laboratory and Teaching Supplies	430042-9000-000	Digital microscope Smartzoom 100	Carl Zeiss	430042-9000-000	Each	$14,983.21	4.0%	$14,383.88
Science Laboratory and Teaching Supplies	435612-9010-000	Foot switch for Smartzoom 100	Carl Zeiss	435612-9010-000	Each	$889.17	4.0%	$853.60
Science Laboratory and Teaching Supplies	415510-1104-002	MP	Carl Zeiss	415510-1104-002	Each	$6,302.30	4.0%	$6,050.21
Science Laboratory and Teaching Supplies	431030-9220-000	Microscope Axiovert 5 Digital 2 LED w/color camera	Carl Zeiss	431030-9220-000	Each	$27,884.20	4.0%	$26,768.83
Science Laboratory and Teaching Supplies	431030-9290-000	Microscope Axiovert 5 Digital 2 LED w/mono camera	Carl Zeiss	431030-9290-000	Each	$27,884.20	4.0%	$26,768.83
Science Laboratory and Teaching Supplies	423732-8202-000	Filter slider A 120x40x14 mm	Carl Zeiss	423732-8202-000	Each	$249.31	4.0%	$239.34
Science Laboratory and Teaching Supplies	435535-9000-000	Ring illuminator white standard set	Carl Zeiss	435535-9000-000	Each	$1,379.23	4.0%	$1,324.06
Science Laboratory and Teaching Supplies	435535-9010-000	Ring illuminator UV	Carl Zeiss	435535-9010-000	Each	$1,444.50	4.0%	$1,386.72
Science Laboratory and Teaching Supplies	423053-9081-000	Light source VIS-LED 2	Carl Zeiss	423053-9081-000	Each	$1,339.64	4.0%	$1,286.05
Science Laboratory and Teaching Supplies	417075-9150-000	Light guide extension 1500, 8/1500 mm	Carl Zeiss	417075-9150-000	Each	$785.38	4.0%	$753.96
Science Laboratory and Teaching Supplies	435266-9000-000	Fresnel lens set 100mm for objective +10	Carl Zeiss	435266-9000-000	Each	$200.09	4.0%	$192.09
Science Laboratory and Teaching Supplies	435266-9010-000	Fresnel lens set 40mm for objective +25	Carl Zeiss	435266-9010-000	Each	$200.09	4.0%	$192.09
Science Laboratory and Teaching Supplies	435528-9030-000	Controller C	Carl Zeiss	435528-9030-000	Each	$318.86	4.0%	$306.11
Science Laboratory and Teaching Supplies	415105-2010-042	USB adapter A-USB/RS232	Carl Zeiss	415105-2010-042	Each	$105.93	4.0%	$101.69
Science Laboratory and Teaching Supplies	432339-9061-000	Insert frame Z PIEZO WSB 500 for slides 76x26	Carl Zeiss	432339-9061-000	Each	$1,699.16	4.0%	$1,631.19
Science Laboratory and Teaching Supplies	432339-9071-000	Insert frame Z PIEZO WSB 500 Petri dishes	Carl Zeiss	432339-9071-000	Each	$1,507.63	4.0%	$1,447.32
Science Laboratory and Teaching Supplies	432343-9000-000	Insert plate 160x116 SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9000-000	Each	$2,824.80	4.0%	$2,711.81
Science Laboratory and Teaching Supplies	432343-9010-000	Insert plate 313x148 SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9010-000	Each	$3,738.58	4.0%	$3,589.04
Science Laboratory and Teaching Supplies	432343-9100-000	Sample holder for grinding sample D25 SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9100-000	Each	$1,323.59	4.0%	$1,270.65
Science Laboratory and Teaching Supplies	432343-9110-000	Sample holder for grinding sample D30 SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9110-000	Each	$1,463.76	4.0%	$1,405.21
Science Laboratory and Teaching Supplies	432343-9120-000	SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9120-000	Each	$1,582.53	4.0%	$1,519.23
Science Laboratory and Teaching Supplies	432343-9130-000	Sample holder for grinding sample D50 SAMPLE.CLICK.SYSTEM	Carl Zeiss	432343-9130-000	Each	$1,701.30	4.0%	$1,633.25
Science Laboratory and Teaching Supplies	435430-9120-000	Insert plate S, 237x157x3 with breadboard 50 mm (D)	Carl Zeiss	435430-9120-000	Each	$752.21	4.0%	$722.12
Science Laboratory and Teaching Supplies	435430-9130-000	Insert plate S, 237x157x3 for O-Select palette (D)	Carl Zeiss	435430-9130-000	Each	$538.21	4.0%	$516.68
Science Laboratory and Teaching Supplies	425308-0000-720	Tubuslinse 1,0x Axio Imager OEM für ICS	Carl Zeiss	425308-0000-720	Each	$253.59	4.0%	$243.45
Science Laboratory and Teaching Supplies	489090-9112-000	Filter set 90 LED Grey Filter	Carl Zeiss	489090-9112-000	Each	$2,831.22	4.0%	$2,717.97
Science Laboratory and Teaching Supplies	489110-9112-000	Filter set 110 LED Grey Filter	Carl Zeiss	489110-9112-000	Each	$2,565.86	4.0%	$2,463.23
Science Laboratory and Teaching Supplies	489125-9150-000	Filter set 125 8-channel f/Axioscan	Carl Zeiss	489125-9150-000	Each	$15,821.02	4.0%	$15,188.18
Science Laboratory and Teaching Supplies	000000-2731-183	USB Type-C to DC5.5 cable	Carl Zeiss	000000-2731-183	Each	$7.49	4.0%	$7.19
Science Laboratory and Teaching Supplies	444802-9000-000	Eyecup with light protection foldable	Carl Zeiss	444802-9000-000	Each	$18.19	4.0%	$17.46
Science Laboratory and Teaching Supplies	435232-9000-000	Objective +3 (FWD=330mm) for Smartzoom 100	Carl Zeiss	435232-9000-000	Each	$591.71	4.0%	$568.04
Science Laboratory and Teaching Supplies	435232-9020-000	Objective +10 (FWD=78mm) for Smartzoom 100	Carl Zeiss	435232-9020-000	Each	$1,484.09	4.0%	$1,424.73
Science Laboratory and Teaching Supplies	435232-9030-000	Objective +25 (FWD=34mm) for Smartzoom 100	Carl Zeiss	435232-9030-000	Each	$3,080.53	4.0%	$2,957.31
Science Laboratory and Teaching Supplies	433802-9050-000	Immersion oil Immersol 518 F 30°C, oiler 20ml - boxed	Carl Zeiss	433802-9050-000	Each	$227.91	4.0%	$218.79
Science Laboratory and Teaching Supplies	435066-9000-000	Microscope Body Stemi 355	Carl Zeiss	435066-9000-000	Each	$1,168.44	4.0%	$1,121.70
Science Laboratory and Teaching Supplies	435066-9010-000	Microscope Body Stemi 355 trino	Carl Zeiss	435066-9010-000	Each	$1,362.11	4.0%	$1,307.63
Science Laboratory and Teaching Supplies	435066-9510-000	Microscope Set Stemi 355 Mat	Carl Zeiss	435066-9510-000	Each	$2,279.10	4.0%	$2,187.94
Science Laboratory and Teaching Supplies	435066-9520-000	Stemi 355 Edu Microscope Set	Carl Zeiss	435066-9520-000	Each	$1,870.36	4.0%	$1,795.55
Science Laboratory and Teaching Supplies	435066-9530-000	Microscope Set Stemi 355 Lab	Carl Zeiss	435066-9530-000	Each	$2,486.68	4.0%	$2,387.21
Science Laboratory and Teaching Supplies	435426-9000-000	Stand C	Carl Zeiss	435426-9000-000	Each	$509.32	4.0%	$488.95
Science Laboratory and Teaching Supplies	435426-9100-000	Stand L	Carl Zeiss	435426-9100-000	Each	$1,120.29	4.0%	$1,075.48
Science Laboratory and Teaching Supplies	435426-9010-000	Stand C Mat	Carl Zeiss	435426-9010-000	Each	$998.31	4.0%	$958.38
Science Laboratory and Teaching Supplies	435426-9110-000	Stand L LED	Carl Zeiss	435426-9110-000	Each	$1,629.61	4.0%	$1,564.43

Science Laboratory and Teaching Supplies	435426-9020-000	Stand C Edu	Carl Zeiss	435426-9020-000	Each	$1,036.83	4.0%	$995.36
Science Laboratory and Teaching Supplies	435426-9030-000	Stand C Lab	Carl Zeiss	435426-9030-000	Each	$1,246.55	4.0%	$1,196.69
Science Laboratory and Teaching Supplies	435426-9300-000	Mounting Set Boom Stand B	Carl Zeiss	435426-9300-000	Each	$428.00	4.0%	$410.88
Science Laboratory and Teaching Supplies	435426-9310-000	Tilting Head B 32/115 mm	Carl Zeiss	435426-9310-000	Each	$251.45	4.0%	$241.39
Science Laboratory and Teaching Supplies	435426-9040-000	Hand Rest Stand C Lab	Carl Zeiss	435426-9040-000	Each	$158.36	4.0%	$152.03
Science Laboratory and Teaching Supplies	435528-9100-000	Transillumination unit L LED	Carl Zeiss	435528-9100-000	Each	$808.92	4.0%	$776.56
Science Laboratory and Teaching Supplies	435528-9110-000	Transilluminator L LED low-height	Carl Zeiss	435528-9110-000	Each	$376.64	4.0%	$361.57
Science Laboratory and Teaching Supplies	435528-9000-000	Spot Illuminator C LED	Carl Zeiss	435528-9000-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	435528-9010-000	Double Spot Illuminator C LED	Carl Zeiss	435528-9010-000	Each	$376.64	4.0%	$361.57
Science Laboratory and Teaching Supplies	435528-9020-000	Ring Illuminator C LED segmentable	Carl Zeiss	435528-9020-000	Each	$485.78	4.0%	$466.35
Science Laboratory and Teaching Supplies	435528-9300-000	Mounting adapter EasyLED	Carl Zeiss	435528-9300-000	Each	$32.10	4.0%	$30.82
Science Laboratory and Teaching Supplies	435426-9200-000	Glass Plate D=84x5 mm	Carl Zeiss	435426-9200-000	Each	$25.68	4.0%	$24.65
Science Laboratory and Teaching Supplies	435426-9210-000	Plastic Plate B/W D=84x5 mm	Carl Zeiss	435426-9210-000	Each	$25.68	4.0%	$24.65
Science Laboratory and Teaching Supplies	435528-9200-000	Polarizer Transillumination	Carl Zeiss	435528-9200-000	Each	$228.98	4.0%	$219.82
Science Laboratory and Teaching Supplies	435528-9210-000	Polarizer spot illuminator	Carl Zeiss	435528-9210-000	Each	$156.22	4.0%	$149.97
Science Laboratory and Teaching Supplies	432915-9106-000	Control PC All-in-One Smartzoom 5	Carl Zeiss	432915-9106-000	Each	$11,764.65	4.0%	$11,294.06
Science Laboratory and Teaching Supplies	432915-9154-000	Control PC All-in-One Smartzoom 5, Upgrade	Carl Zeiss	432915-9154-000	Each	$6,228.47	4.0%	$5,979.33
Science Laboratory and Teaching Supplies	423006-9070-000	Trigger cable Viluma 9	Carl Zeiss	423006-9070-000	Each	$356.31	4.0%	$342.06
Science Laboratory and Teaching Supplies	432903-9012-000	Joystick XY; CAN	Carl Zeiss	432903-9012-000	Each	$1,004.73	4.0%	$964.54
Science Laboratory and Teaching Supplies	411857-9590-000	Slide-in module XL multi S2 DARK LSM/LF4D, right	Carl Zeiss	411857-9590-000	Each	$2,073.66	4.0%	$1,990.71
Science Laboratory and Teaching Supplies	432927-9043-000	Signal distribution box Rev.4 for Triggerboard	Carl Zeiss	432927-9043-000	Each	$3,980.40	4.0%	$3,821.18
Science Laboratory and Teaching Supplies	000000-2677-268	System Configuration 1b for HP Z8 G5	Carl Zeiss	000000-2677-268	Each	$719.04	4.0%	$690.28
Science Laboratory and Teaching Supplies	000000-2677-269	System Configuration 2b for HP Z8 G5	Carl Zeiss	000000-2677-269	Each	$717.97	4.0%	$689.25
Science Laboratory and Teaching Supplies	000000-2677-272	System Configuration 1b for HP Z2 G9	Carl Zeiss	000000-2677-272	Each	$719.04	4.0%	$690.28
Science Laboratory and Teaching Supplies	000000-2677-273	System Configuration 2b for HP Z2 G9	Carl Zeiss	000000-2677-273	Each	$719.04	4.0%	$690.28
Science Laboratory and Teaching Supplies	410330-1300-000	Processor Intel Xeon W7-3555 (HP Z8 G5)	Carl Zeiss	410330-1300-000	Each	$5,282.59	4.0%	$5,071.29
Science Laboratory and Teaching Supplies	410331-3300-000	Graphics Card NVIDIA RTX A1000 8 GB	Carl Zeiss	410331-3300-000	Each	$1,217.66	4.0%	$1,168.95
Science Laboratory and Teaching Supplies	410331-3400-000	Graphics Card NVIDIA RTX PRO 4000 24 GB	Carl Zeiss	410331-3400-000	Each	$4,062.79	4.0%	$3,900.28
Science Laboratory and Teaching Supplies	410331-3500-000	Graphics Card NVIDIA RTX PRO 4500 32 GB	Carl Zeiss	410331-3500-000	Each	$7,632.31	4.0%	$7,327.02
Science Laboratory and Teaching Supplies	426555-9021-000	Microscopy Camera Educam 105 R2	Carl Zeiss	426555-9021-000	Each	$1,095.68	4.0%	$1,051.85
Science Laboratory and Teaching Supplies	000000-2361-527	arivis Pro initial WEB based training	Carl Zeiss	000000-2361-527	Each	$1,332.15	4.0%	$1,278.86
Science Laboratory and Teaching Supplies	410135-0002-312	ZEN 3.12	Carl Zeiss	410135-0002-312	Each	$3,591.99	4.0%	$3,448.31
Science Laboratory and Teaching Supplies	410135-0002-313	ZEN 3.13	Carl Zeiss	410135-0002-313	Each	$3,366.22	4.0%	$3,231.57
Science Laboratory and Teaching Supplies	410135-0004-312	ZEN 3.12 desk	Carl Zeiss	410135-0004-312	Each	$1,912.09	4.0%	$1,835.61
Science Laboratory and Teaching Supplies	410135-0004-313	ZEN 3.13 desk	Carl Zeiss	410135-0004-313	Each	$1,791.18	4.0%	$1,719.53
Science Laboratory and Teaching Supplies	410135-0054-390	ZEN 3.9 slidescan clinical digital license	Carl Zeiss	410135-0054-390	Each	$11,637.32	4.0%	$11,171.83
Science Laboratory and Teaching Supplies	410135-2004-313	ZEN 3.13 desk floating license	Carl Zeiss	410135-2004-313	Each	$2,240.58	4.0%	$2,150.96
Science Laboratory and Teaching Supplies	410140-7000-312	ZEN desk subscription - Single	Carl Zeiss	410140-7000-312	Each	$5,922.45	4.0%	$5,685.55
Science Laboratory and Teaching Supplies	410140-7000-313	ZEN desk subscription - Single	Carl Zeiss	410140-7000-313	Each	$5,552.23	4.0%	$5,330.14
Science Laboratory and Teaching Supplies	410140-7001-312	ZEN desk subscription - Lab	Carl Zeiss	410140-7001-312	Each	$12,170.18	4.0%	$11,683.37
Science Laboratory and Teaching Supplies	410140-7001-313	ZEN desk subscription - Lab	Carl Zeiss	410140-7001-313	Each	$11,407.27	4.0%	$10,950.98
Science Laboratory and Teaching Supplies	410140-7002-312	ZEN desk subscription - Department	Carl Zeiss	410140-7002-312	Each	$15,577.06	4.0%	$14,953.98
Science Laboratory and Teaching Supplies	410140-7002-313	ZEN desk subscription - Department	Carl Zeiss	410140-7002-313	Each	$14,601.22	4.0%	$14,017.17
Science Laboratory and Teaching Supplies	410140-7003-312	ZEN desk subscription - Institute	Carl Zeiss	410140-7003-312	Each	$25,312.99	4.0%	$24,300.47
Science Laboratory and Teaching Supplies	410140-7003-313	ZEN desk subscription - Institute	Carl Zeiss	410140-7003-313	Each	$23,726.18	4.0%	$22,777.13
Science Laboratory and Teaching Supplies	410140-7004-312	ZEN desk subscription - Campus	Carl Zeiss	410140-7004-312	Each	$50,625.98	4.0%	$48,600.94
Science Laboratory and Teaching Supplies	410140-7004-313	ZEN desk subscription - Campus	Carl Zeiss	410140-7004-313	Each	$47,452.36	4.0%	$45,554.27
Science Laboratory and Teaching Supplies	410138-0102-312	Upgrade ZEN to ZEN 3.12	Carl Zeiss	410138-0102-312	Each	$623.81	4.0%	$598.86
Science Laboratory and Teaching Supplies	410138-0102-313	Upgrade ZEN to ZEN 3.13	Carl Zeiss	410138-0102-313	Each	$636.65	4.0%	$611.18
Science Laboratory and Teaching Supplies	410138-0104-312	Upgrade ZEN desk to ZEN 3.12 desk	Carl Zeiss	410138-0104-312	Each	$623.81	4.0%	$598.86
Science Laboratory and Teaching Supplies	410138-0104-313	Upgrade ZEN desk to ZEN 3.13 desk	Carl Zeiss	410138-0104-313	Each	$636.65	4.0%	$611.18
Science Laboratory and Teaching Supplies	410138-0124-312	Upgrade toolkit for ZEN 3.5 CD7 or earlier to ZEN 3.12	Carl Zeiss	410138-0124-312	Each	$12.84	4.0%	$12.33
Science Laboratory and Teaching Supplies	410138-0124-313	Upgrade toolkit for ZEN 3.5 CD7 or earlier to ZEN 3.13	Carl Zeiss	410138-0124-313	Each	$12.84	4.0%	$12.33
Science Laboratory and Teaching Supplies	410138-0165-312	Upgrade ZEN with ZEN Motorized Acquisition to ZEN 3.12	Carl Zeiss	410138-0165-312	Each	$2,840.85	4.0%	$2,727.22
Science Laboratory and Teaching Supplies	410138-0165-313	Upgrade ZEN with ZEN Motorized Acquisition to ZEN 3.13	Carl Zeiss	410138-0165-313	Each	$2,899.70	4.0%	$2,783.71
Science Laboratory and Teaching Supplies	410138-0166-312	Upgrade ZEN with ZEN Advanced Acquisition to ZEN 3.12	Carl Zeiss	410138-0166-312	Each	$5,680.63	4.0%	$5,453.40
Science Laboratory and Teaching Supplies	410138-0166-313	Upgrade ZEN with ZEN Advanced Acquisition to ZEN 3.13	Carl Zeiss	410138-0166-313	Each	$5,798.33	4.0%	$5,566.40
Science Laboratory and Teaching Supplies	410138-0173-312	Upgrade ZEN with ZEN Motorized Focus to ZEN 3.12	Carl Zeiss	410138-0173-312	Each	$1,732.33	4.0%	$1,663.04
Science Laboratory and Teaching Supplies	410138-0173-313	Upgrade ZEN with ZEN Motorized Focus to ZEN 3.13	Carl Zeiss	410138-0173-313	Each	$1,767.64	4.0%	$1,696.93
Science Laboratory and Teaching Supplies	410138-2104-312	Upgrade ZEN desk to ZEN 3.12 desk Floating License	Carl Zeiss	410138-2104-312	Each	$778.96	4.0%	$747.80
Science Laboratory and Teaching Supplies	410138-2104-313	Upgrade ZEN desk to ZEN 3.13 desk Floating License	Carl Zeiss	410138-2104-313	Each	$795.01	4.0%	$763.21
Science Laboratory and Teaching Supplies	410138-5001-312	Upgrade ZEN band A toolkits to ZEN 3.12	Carl Zeiss	410138-5001-312	Each	$381.99	4.0%	$366.71

Science Laboratory and Teaching Supplies	410138-5001-313	Upgrade ZEN band A toolkits to ZEN 3.13	Carl Zeiss	410138-5001-313	Each	$390.55	4.0%	$374.93
Science Laboratory and Teaching Supplies	410138-5002-312	Upgrade ZEN band B toolkits to ZEN 3.12	Carl Zeiss	410138-5002-312	Each	$775.75	4.0%	$744.72
Science Laboratory and Teaching Supplies	410138-5002-313	Upgrade ZEN band B toolkits to ZEN 3.13	Carl Zeiss	410138-5002-313	Each	$791.80	4.0%	$760.13
Science Laboratory and Teaching Supplies	410138-5003-312	Upgrade ZEN band C toolkits to ZEN 3.12	Carl Zeiss	410138-5003-312	Each	$1,523.68	4.0%	$1,462.73
Science Laboratory and Teaching Supplies	410138-5003-313	Upgrade ZEN band C toolkits to ZEN 3.13	Carl Zeiss	410138-5003-313	Each	$1,555.78	4.0%	$1,493.55
Science Laboratory and Teaching Supplies	410138-5004-312	Upgrade ZEN band D toolkits to ZEN 3.12	Carl Zeiss	410138-5004-312	Each	$3,048.43	4.0%	$2,926.49
Science Laboratory and Teaching Supplies	410138-5004-313	Upgrade ZEN band D toolkits to ZEN 3.13	Carl Zeiss	410138-5004-313	Each	$3,111.56	4.0%	$2,987.10
Science Laboratory and Teaching Supplies	410138-9173-312	Upgrade Toolkit Mot. Focus to Mot. Acquisition ZEN 3.12	Carl Zeiss	410138-9173-312	Each	$4,704.79	4.0%	$4,516.60
Science Laboratory and Teaching Supplies	410138-9173-313	Upgrade Toolkit Mot. Focus to Mot. Acquisition ZEN 3.13	Carl Zeiss	410138-9173-313	Each	$4,802.16	4.0%	$4,610.07
Science Laboratory and Teaching Supplies	410138-0902-312	Platform change AV 4.x to ZEN 3.12	Carl Zeiss	410138-0902-312	Each	$1,669.20	4.0%	$1,602.43
Science Laboratory and Teaching Supplies	410138-0902-313	Platform change AV 4.x to ZEN 3.13	Carl Zeiss	410138-0902-313	Each	$1,704.51	4.0%	$1,636.33
Science Laboratory and Teaching Supplies	410135-0011-312	ZEN core 3.12	Carl Zeiss	410135-0011-312	Each	$4,686.60	4.0%	$4,499.14
Science Laboratory and Teaching Supplies	410135-0011-313	ZEN core 3.13	Carl Zeiss	410135-0011-313	Each	$4,687.67	4.0%	$4,500.16
Science Laboratory and Teaching Supplies	410135-0035-312	ZEN analyzer 3.12	Carl Zeiss	410135-0035-312	Each	$1,153.46	4.0%	$1,107.32
Science Laboratory and Teaching Supplies	410135-0035-313	ZEN analyzer 3.13	Carl Zeiss	410135-0035-313	Each	$1,642.45	4.0%	$1,576.75
Science Laboratory and Teaching Supplies	410135-2035-312	ZEN analyzer 3.12 Floating License	Carl Zeiss	410135-2035-312	Each	$1,442.36	4.0%	$1,384.67
Science Laboratory and Teaching Supplies	410135-2035-313	ZEN analyzer 3.13 Floating License	Carl Zeiss	410135-2035-313	Each	$2,053.33	4.0%	$1,971.20
Science Laboratory and Teaching Supplies	410138-0011-313	Transfer ZEN to ZEN core 3.13	Carl Zeiss	410138-0011-313	Each	$2,853.69	4.0%	$2,739.54
Science Laboratory and Teaching Supplies	410138-0111-313	Upgrade to ZEN core 3.13	Carl Zeiss	410138-0111-313	Each	$1,886.41	4.0%	$1,810.95
Science Laboratory and Teaching Supplies	410138-0011-312	Transfer ZEN to ZEN core 3.12	Carl Zeiss	410138-0011-312	Each	$2,543.39	4.0%	$2,441.65
Science Laboratory and Teaching Supplies	410138-0111-312	Upgrade to ZEN core 3.12	Carl Zeiss	410138-0111-312	Each	$1,682.04	4.0%	$1,614.76
Science Laboratory and Teaching Supplies	410138-0135-312	Upgrade to ZEN analyzer 3.12	Carl Zeiss	410138-0135-312	Each	$438.70	4.0%	$421.15
Science Laboratory and Teaching Supplies	410138-0135-313	Upgrade to ZEN analyzer 3.13	Carl Zeiss	410138-0135-313	Each	$678.38	4.0%	$651.24
Science Laboratory and Teaching Supplies	410138-2135-312	Upgrade to ZEN analyzer 3.12 Floating License	Carl Zeiss	410138-2135-312	Each	$757.56	4.0%	$727.26
Science Laboratory and Teaching Supplies	410138-2135-313	Upgrade to ZEN analyzer 3.13 Floating License	Carl Zeiss	410138-2135-313	Each	$849.58	4.0%	$815.60
Science Laboratory and Teaching Supplies	410138-9165-312	Upgrade to ZEN core 3.12 with Motorized Acquisition	Carl Zeiss	410138-9165-312	Each	$1,996.62	4.0%	$1,916.76
Science Laboratory and Teaching Supplies	410138-9165-313	Upgrade to ZEN core 3.13 with Motorized Acquisition	Carl Zeiss	410138-9165-313	Each	$3,094.44	4.0%	$2,970.66
Science Laboratory and Teaching Supplies	410138-0911-312	Platform Change AV 4.x.x to ZEN core 3.12	Carl Zeiss	410138-0911-312	Each	$1,767.64	4.0%	$1,696.93
Science Laboratory and Teaching Supplies	410138-0911-313	Platform Change AV 4.x.x to ZEN core 3.13	Carl Zeiss	410138-0911-313	Each	$1,982.71	4.0%	$1,903.40
Science Laboratory and Teaching Supplies	410136-0064-312	ZEN Module Airyscan with Joint Deconvolution	Carl Zeiss	410136-0064-312	Each	$6,573.01	4.0%	$6,310.09
Science Laboratory and Teaching Supplies	410136-0165-312	ZEN Toolkit Motorized Acquisition	Carl Zeiss	410136-0165-312	Each	$8,395.22	4.0%	$8,059.41
Science Laboratory and Teaching Supplies	410136-0165-313	ZEN Toolkit Motorized Acquisition	Carl Zeiss	410136-0165-313	Each	$7,867.71	4.0%	$7,553.00
Science Laboratory and Teaching Supplies	410136-0166-312	ZEN Toolkit Advanced Acquisition	Carl Zeiss	410136-0166-312	Each	$10,948.24	4.0%	$10,510.31
Science Laboratory and Teaching Supplies	410136-0166-313	ZEN Toolkit Advanced Acquisition	Carl Zeiss	410136-0166-313	Each	$10,261.30	4.0%	$9,850.85
Science Laboratory and Teaching Supplies	410136-0167-312	ZEN Toolkit Smart Acquisition	Carl Zeiss	410136-0167-312	Each	$2,656.81	4.0%	$2,550.54
Science Laboratory and Teaching Supplies	410136-0173-312	ZEN Toolkit Motorized Focus Acquisition	Carl Zeiss	410136-0173-312	Each	$3,476.43	4.0%	$3,337.37
Science Laboratory and Teaching Supplies	410136-0173-313	ZEN Toolkit Motorized Focus Acquisition	Carl Zeiss	410136-0173-313	Each	$3,258.15	4.0%	$3,127.82
Science Laboratory and Teaching Supplies	410136-2064-312	ZEN Module Airyscan w/ Joint Deconvolution Floating License	Carl Zeiss	410136-2064-312	Each	$8,216.53	4.0%	$7,887.87
Science Laboratory and Teaching Supplies	410136-0195-312	ZEN Module Spatial Biology	Carl Zeiss	410136-0195-312	Each	$20,690.59	4.0%	$19,862.97
Science Laboratory and Teaching Supplies	410136-0196-312	ZEN Module Microscopy Copilot	Carl Zeiss	410136-0196-312	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	410140-3020-313	ZEN Widefield Add-on Modules 1 year subscription	Carl Zeiss	410140-3020-313	Each	$2,735.99	4.0%	$2,626.55
Science Laboratory and Teaching Supplies	410136-0193-312	ZEN Module Lightfield 4D	Carl Zeiss	410136-0193-312	Each	$5,174.52	4.0%	$4,967.54
Science Laboratory and Teaching Supplies	410136-2193-312	ZEN Module Lightfield 4D Floating License	Carl Zeiss	410136-2193-312	Each	$8,084.92	4.0%	$7,761.52
Science Laboratory and Teaching Supplies	410136-2200-313	ZEN analyzer Toolkit SEM Deconvolution Floating License	Carl Zeiss	410136-2200-313	Each	$2,735.99	4.0%	$2,626.55
Science Laboratory and Teaching Supplies	410137-0064-312	ZEN desk Module Airyscan with Joint Deconvolution	Carl Zeiss	410137-0064-312	Each	$3,287.04	4.0%	$3,155.56
Science Laboratory and Teaching Supplies	410137-0193-312	ZEN Module Lightfield 4D for ZEN desk	Carl Zeiss	410137-0193-312	Each	$5,597.17	4.0%	$5,373.28
Science Laboratory and Teaching Supplies	410137-0200-313	ZEN analyzer Toolkit SEM Deconvolution	Carl Zeiss	410137-0200-313	Each	$2,189.22	4.0%	$2,101.65
Science Laboratory and Teaching Supplies	410136-3169-313	ZEN Toolkit AI 1 year license	Carl Zeiss	410136-3169-313	Each	$3,772.82	4.0%	$3,621.91
Science Laboratory and Teaching Supplies	410135-0052-450	Labscope 4.5 for Windows	Carl Zeiss	410135-0052-450	Each	$0.01	4.0%	$0.01
Science Laboratory and Teaching Supplies	410135-0052-460	Labscope 4.6 for Windows	Carl Zeiss	410135-0052-460	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	410136-0194-100	Labscope Modul AI Cell Counting Chamber DLic	Carl Zeiss	410136-0194-100	Each	$747.93	4.0%	$718.01
Science Laboratory and Teaching Supplies	410136-0198-100	Labscope Module AI Cell Transfection Efficiency	Carl Zeiss	410136-0198-100	Each	$741.51	4.0%	$711.85
Science Laboratory and Teaching Supplies	410136-0199-100	Labscope Module MCF with AI Transfection Dlic	Carl Zeiss	410136-0199-100	Each	$1,026.13	4.0%	$985.08
Science Laboratory and Teaching Supplies	410154-2007-302	ZEISS arivis DMS Enterprise Analysis Package, 1 y - IND	Carl Zeiss	410154-2007-302	Each	$109,856.90	4.0%	$105,462.62
Science Laboratory and Teaching Supplies	410154-3003-201	ZEISS arivis Pro Special 3D Package for Hardware only - ACA	Carl Zeiss	410154-3003-201	Each	$13,183.47	4.0%	$12,656.13
Science Laboratory and Teaching Supplies	410154-5006-301	ZEISS arivis Hub DMS Starter Analysis Package, 1 year - ACA	Carl Zeiss	410154-5006-301	Each	$22,372.63	4.0%	$21,477.72
Science Laboratory and Teaching Supplies	410154-5015-101	ZEISS arivis Pro Single 1 year license	Carl Zeiss	410154-5015-101	Each	$10,995.32	4.0%	$10,555.51
Science Laboratory and Teaching Supplies	410155-4011-202	ZEISS arivis Pro for arivis Hub DMS 8 Workers, 1 y - IND	Carl Zeiss	410155-4011-202	Each	$11,720.78	4.0%	$11,251.95
Science Laboratory and Teaching Supplies	410155-4012-202	ZEISS arivis Pro for arivis Hub DMS 24+ Worker, 1 y - IND	Carl Zeiss	410155-4012-202	Each	$5,860.39	4.0%	$5,625.97
Science Laboratory and Teaching Supplies	410156-0011-201	ZEISS arivis Pro VR add-on module - ACA	Carl Zeiss	410156-0011-201	Each	$6,838.37	4.0%	$6,564.84

Science Laboratory and Teaching Supplies	410156-0014-302	ZEISS arivis Hub DMS Analysis Workflow Execution, 1 y - IND	Carl Zeiss	410156-0014-302	Each	$14,491.01	4.0%	$13,911.37
Science Laboratory and Teaching Supplies	410156-0023-201	ZEISS arivis Hub DMS Basic Analysis Package - ACA	Carl Zeiss	410156-0023-201	Each	$20,515.11	4.0%	$19,694.51
Science Laboratory and Teaching Supplies	410156-0023-202	ZEISS arivis Hub DMS Analysis Worker, 1 year - ACA	Carl Zeiss	410156-0023-202	Each	$3,693.64	4.0%	$3,545.89
Science Laboratory and Teaching Supplies	410145-3036-100	SW Mindpeak mIF-IMS 6 months / 25images account	Carl Zeiss	410145-3036-100	Each	$11,668.35	4.0%	$11,201.62
Science Laboratory and Teaching Supplies	433107-9010-000	SW app measurement	Carl Zeiss	433107-9010-000	Each	$2,104.69	4.0%	$2,020.50
Science Laboratory and Teaching Supplies	433107-9030-000	SW app image comparison	Carl Zeiss	433107-9030-000	Each	$1,904.60	4.0%	$1,828.42
Science Laboratory and Teaching Supplies	410145-1022-204	Confomap ST V11	Carl Zeiss	410145-1022-204	Each	$9,102.49	4.0%	$8,738.39
Science Laboratory and Teaching Supplies	410145-1023-204	Confomap Premium V11	Carl Zeiss	410145-1023-204	Each	$29,619.74	4.0%	$28,434.95
Science Laboratory and Teaching Supplies	410146-0069-204	Confomap Module Automotive	Carl Zeiss	410146-0069-204	Each	$835.67	4.0%	$802.24
Science Laboratory and Teaching Supplies	410146-0070-204	Confomap Module Contour	Carl Zeiss	410146-0070-204	Each	$2,084.36	4.0%	$2,000.99
Science Laboratory and Teaching Supplies	410146-0071-204	Confomap Module Advanced Topography	Carl Zeiss	410146-0071-204	Each	$4,647.01	4.0%	$4,461.13
Science Laboratory and Teaching Supplies	410146-0072-204	Confomap Module Advanced Profile	Carl Zeiss	410146-0072-204	Each	$2,084.36	4.0%	$2,000.99
Science Laboratory and Teaching Supplies	410146-0073-204	Confomap Module Advanced Contour	Carl Zeiss	410146-0073-204	Each	$7,412.96	4.0%	$7,116.44
Science Laboratory and Teaching Supplies	410146-0074-204	Confomap Module Fourier & Wavelets	Carl Zeiss	410146-0074-204	Each	$2,746.69	4.0%	$2,636.82
Science Laboratory and Teaching Supplies	410146-0076-204	Confomap Module Particle Analysis	Carl Zeiss	410146-0076-204	Each	$5,924.59	4.0%	$5,687.61
Science Laboratory and Teaching Supplies	410146-0077-204	Confomap Module 4D Surface Change	Carl Zeiss	410146-0077-204	Each	$3,590.92	4.0%	$3,447.28
Science Laboratory and Teaching Supplies	410146-0078-204	Confomap Module Lead/Twist Analysis	Carl Zeiss	410146-0078-204	Each	$7,412.96	4.0%	$7,116.44
Science Laboratory and Teaching Supplies	410146-0079-204	Confomap Module Scale Sensitive Fractal Analysis	Carl Zeiss	410146-0079-204	Each	$6,337.61	4.0%	$6,084.11
Science Laboratory and Teaching Supplies	410146-0080-204	Confomap Module Colocalization	Carl Zeiss	410146-0080-204	Each	$1,478.74	4.0%	$1,419.59
Science Laboratory and Teaching Supplies	410146-0081-204	Confomap Module Force Curve Analysis	Carl Zeiss	410146-0081-204	Each	$3,140.45	4.0%	$3,014.83
Science Laboratory and Teaching Supplies	410146-0082-204	Confomap Module SPM Extension	Carl Zeiss	410146-0082-204	Each	$2,698.54	4.0%	$2,590.60
Science Laboratory and Teaching Supplies	410146-0085-204	Confomap Module Lens Analysis	Carl Zeiss	410146-0085-204	Each	$3,984.68	4.0%	$3,825.29
Science Laboratory and Teaching Supplies	410146-0086-204	Confomap Modul Fiber analysis V11	Carl Zeiss	410146-0086-204	Each	$3,206.79	4.0%	$3,078.52
Science Laboratory and Teaching Supplies	410148-1022-204	Update Confomap ST V10 to V11	Carl Zeiss	410148-1022-204	Each	$2,533.76	4.0%	$2,432.41
Science Laboratory and Teaching Supplies	410148-1023-204	Update Confomap Premium V10 to V11	Carl Zeiss	410148-1023-204	Each	$8,148.05	4.0%	$7,822.13
Science Laboratory and Teaching Supplies	410148-1024-204	Confomap Module Critical Dimensions & Trenches	Carl Zeiss	410148-1024-204	Each	$5,674.21	4.0%	$5,447.24
Science Laboratory and Teaching Supplies	410148-1025-204	Confomap Module Correlative Microscopy	Carl Zeiss	410148-1025-204	Each	$6,241.31	4.0%	$5,991.66
Science Laboratory and Teaching Supplies	410148-2022-204	Update Confomap ST V9 to V11	Carl Zeiss	410148-2022-204	Each	$5,018.30	4.0%	$4,817.57
Science Laboratory and Teaching Supplies	410148-2023-204	Update Confomap Premium V9 to V11	Carl Zeiss	410148-2023-204	Each	$13,293.68	4.0%	$12,761.93
Science Laboratory and Teaching Supplies	410148-3022-204	Update Confomap ST V8 to V11	Carl Zeiss	410148-3022-204	Each	$7,329.50	4.0%	$7,036.32
Science Laboratory and Teaching Supplies	410148-3023-204	Update Confomap Premium V8 to V11	Carl Zeiss	410148-3023-204	Each	$20,571.82	4.0%	$19,748.95
Science Laboratory and Teaching Supplies	434310-9100-000	Dust cover L 330mm x W 360mm x H 450mm	Carl Zeiss	434310-9100-000	Each	$19.26	4.0%	$18.49
Science Laboratory and Teaching Supplies	490980-0033-000	Axiolab 5 with Binoc Photoubes (reversed image)	Carl Zeiss	490980-0033-000	Each	$18,349.43	4.0%	$17,615.45
Science Laboratory and Teaching Supplies	490980-0034-000	Axiolab 5 with ErgoBinoc Phototubes (upright image)	Carl Zeiss	490980-0034-000	Each	$20,827.55	4.0%	$19,994.45
Science Laboratory and Teaching Supplies	490040-0061-000	Axioscope 5 with Binoc Photoubes (reversed image)	Carl Zeiss	490040-0061-000	Each	$27,552.50	4.0%	$26,450.40
Science Laboratory and Teaching Supplies	490040-0062-000	Axioscope 5 with ErgoBinoc Phototubes (upright image)	Carl Zeiss	490040-0062-000	Each	$30,474.67	4.0%	$29,255.68
Science Laboratory and Teaching Supplies	490016-0014-000	Microscope Axio Imager.Z2 ACR	Carl Zeiss	490016-0014-000	Each	$143,314.73	4.0%	$137,582.14
Science Laboratory and Teaching Supplies	490016-0015-000	Microscope Axio Imager.Z2 ACR	Carl Zeiss	490016-0015-000	Each	$180,931.65	4.0%	$173,694.38
Science Laboratory and Teaching Supplies	490016-0100-000	Microscope Axio Imager.Z2 Section Standard	Carl Zeiss	490016-0100-000	Each	$123,527.22	4.0%	$118,586.13
Science Laboratory and Teaching Supplies	490016-0110-000	Microscope Axio Imager.Z2 Section Advanced	Carl Zeiss	490016-0110-000	Each	$161,406.29	4.0%	$154,950.04
Science Laboratory and Teaching Supplies	490016-0120-000	Microscope Axio Imager.Z2 Scan Standard	Carl Zeiss	490016-0120-000	Each	$127,906.73	4.0%	$122,790.46
Science Laboratory and Teaching Supplies	490016-0130-000	Microscope Axio Imager.Z2 Scan Advanced	Carl Zeiss	490016-0130-000	Each	$168,981.89	4.0%	$162,222.61
Science Laboratory and Teaching Supplies	490018-0007-000	Microscope Axio Imager.D2	Carl Zeiss	490018-0007-000	Each	$95,105.88	4.0%	$91,301.64
Science Laboratory and Teaching Supplies	490020-0013-000	Microscope Axio Imager.M2	Carl Zeiss	490020-0013-000	Each	$143,117.85	4.0%	$137,393.14
Science Laboratory and Teaching Supplies	491237-0036-000	camera	Carl Zeiss	491237-0036-000	Each	$28,575.42	4.0%	$27,432.40
Science Laboratory and Teaching Supplies	491237-0037-000	Microscope Axiovert 5 digital 2LED with integrated color camera	Carl Zeiss	491237-0037-000	Each	$28,575.42	4.0%	$27,432.40
Science Laboratory and Teaching Supplies	491911-0044-000	Microscope Axio Observer 5	Carl Zeiss	491911-0044-000	Each	$100,878.53	4.0%	$96,843.39
Science Laboratory and Teaching Supplies	491912-0067-000	Microscope Axio Observer 7	Carl Zeiss	491912-0067-000	Each	$141,486.10	4.0%	$135,826.66
Science Laboratory and Teaching Supplies	491915-0004-000	Inverted microscope Axio Observer 7 Live Standard	Carl Zeiss	491915-0004-000	Each	$163,446.78	4.0%	$156,908.91
Science Laboratory and Teaching Supplies	491915-0005-000	Inverted microscope Axio Observer 7 Live Advanced	Carl Zeiss	491915-0005-000	Each	$199,629.90	4.0%	$191,644.70
Science Laboratory and Teaching Supplies	491915-0007-000	Inverted microscope Axio Observer 7 Section Standard	Carl Zeiss	491915-0007-000	Each	$143,699.93	4.0%	$137,951.93
Science Laboratory and Teaching Supplies	491915-0008-000	Inverted microscope Axio Observer 7 Section Advanced	Carl Zeiss	491915-0008-000	Each	$176,703.01	4.0%	$169,634.89
Science Laboratory and Teaching Supplies	491915-0009-000	Inverted microscope Axio Observer 7 Scan Standard	Carl Zeiss	491915-0009-000	Each	$136,460.31	4.0%	$131,001.90
Science Laboratory and Teaching Supplies	491915-0010-000	Inverses Mikroskop Axio Observer 7 Scan Advanced	Carl Zeiss	491915-0010-000	Each	$188,220.49	4.0%	$180,691.67
Science Laboratory and Teaching Supplies	491905-0001-000	Stemi 355 Edu (KIT 1)	Carl Zeiss	491905-0001-000	Each	$1,906.74	4.0%	$1,830.47
Science Laboratory and Teaching Supplies	491905-0002-000	Stemi 355 Lab (KIT 2)	Carl Zeiss	491905-0002-000	Each	$2,681.42	4.0%	$2,574.16
Science Laboratory and Teaching Supplies	491905-0003-000	Stemi 355 Mat ESD (KIT 3)	Carl Zeiss	491905-0003-000	Each	$2,315.48	4.0%	$2,222.86
Science Laboratory and Teaching Supplies	491905-0004-000	Stemi 355 Doc (KIT 4 - Extension Kit)	Carl Zeiss	491905-0004-000	Each	$3,520.30	4.0%	$3,379.49
Science Laboratory and Teaching Supplies	491905-0005-000	Stemi 355 trino with Stand C Edu and spot C LED	Carl Zeiss	491905-0005-000	Each	$2,618.29	4.0%	$2,513.56
Science Laboratory and Teaching Supplies	491905-0006-000	Stemi 355 trino with stand C Lab and double spot C LED	Carl Zeiss	491905-0006-000	Each	$3,021.68	4.0%	$2,900.81
Science Laboratory and Teaching Supplies	491905-0007-000	Stemi 355 trino with stand C Mat and ring illuminator C LED	Carl Zeiss	491905-0007-000	Each	$2,882.58	4.0%	$2,767.28

Science Laboratory and Teaching Supplies	491905-0008-000	Stemi 355 trino with Stand C and Gooseneck Light Guide 2x	Carl Zeiss	491905-0008-000	Each	$3,742.86	4.0%	$3,593.15
Science Laboratory and Teaching Supplies	491905-0009-000	VisiLED	Carl Zeiss	491905-0009-000	Each	$5,725.57	4.0%	$5,496.55
Science Laboratory and Teaching Supplies	491905-0010-000	Stemi 355 with Boom Stand B and Front Optics 0.5x	Carl Zeiss	491905-0010-000	Each	$4,705.86	4.0%	$4,517.63
Science Laboratory and Teaching Supplies	491905-0012-000	Stemi 355 trino with Stand U and ring light C LED	Carl Zeiss	491905-0012-000	Each	$6,355.80	4.0%	$6,101.57
Science Laboratory and Teaching Supplies	491905-0013-000	Stemi 355 Edu set with C LED illuminations	Carl Zeiss	491905-0013-000	Each	$2,769.16	4.0%	$2,658.39
Science Laboratory and Teaching Supplies	491905-0014-000	Stemi 355 Lab set with C LED illuminations	Carl Zeiss	491905-0014-000	Each	$3,191.81	4.0%	$3,064.14
Science Laboratory and Teaching Supplies	491905-0015-000	Stemi 355 trino with stand C Lab and C LED illuminations	Carl Zeiss	491905-0015-000	Each	$3,690.43	4.0%	$3,542.81
Science Laboratory and Teaching Supplies	491905-0016-000	illumination	Carl Zeiss	491905-0016-000	Each	$3,480.71	4.0%	$3,341.48
Science Laboratory and Teaching Supplies	495009-2030-000	Stemi 508 doc w/stand K Lab + K LED illum	Carl Zeiss	495009-2030-000	Each	$6,241.31	4.0%	$5,991.66
Science Laboratory and Teaching Supplies	495009-2031-000	Stemi 508 doc w/stand M LED + K LED illum	Carl Zeiss	495009-2031-000	Each	$8,408.06	4.0%	$8,071.74
Science Laboratory and Teaching Supplies	495009-2032-000	Stemi 508 trino w/stand K Mat+K LED ilum	Carl Zeiss	495009-2032-000	Each	$6,810.55	4.0%	$6,538.13
Science Laboratory and Teaching Supplies	495009-2033-000	Stemi 508 w/stand K Edu + K LED illum	Carl Zeiss	495009-2033-000	Each	$5,117.81	4.0%	$4,913.10
Science Laboratory and Teaching Supplies	495009-2034-000	Stemi 508 w/stand M LED + K LED illum	Carl Zeiss	495009-2034-000	Each	$6,582.64	4.0%	$6,319.33
Science Laboratory and Teaching Supplies	495009-2035-000	Stereomicroscope Stemi 508 with stand K Lab	Carl Zeiss	495009-2035-000	Each	$5,524.41	4.0%	$5,303.43
Science Laboratory and Teaching Supplies	495009-2036-000	Stereomicroscope Stemi 508 trino with stand M LED	Carl Zeiss	495009-2036-000	Each	$7,751.08	4.0%	$7,441.04
Science Laboratory and Teaching Supplies	495009-2037-000	Stereomicroscope Stemi 508 doc with stand K Mat	Carl Zeiss	495009-2037-000	Each	$5,822.94	4.0%	$5,590.02
Science Laboratory and Teaching Supplies	495009-2038-000	Stereomicroscope Stemi 508 trino with stand K Lab	Carl Zeiss	495009-2038-000	Each	$6,692.85	4.0%	$6,425.14
Science Laboratory and Teaching Supplies	491923-0001-000	Digital microscope Smartzoom 100	Carl Zeiss	491923-0001-000	Each	$16,275.77	4.0%	$15,624.74
Science Laboratory and Teaching Supplies	000000-1912-782	Protect premium ApoTome	Carl Zeiss	000000-1912-782	Each	$1,938.84	4.0%	$1,861.29
Science Laboratory and Teaching Supplies	000000-1912-784	Protect premium Scanning Stage	Carl Zeiss	000000-1912-784	Each	$1,245.48	4.0%	$1,195.66
Science Laboratory and Teaching Supplies	000000-1912-785	Protect premium Incubation System	Carl Zeiss	000000-1912-785	Each	$1,245.48	4.0%	$1,195.66
Science Laboratory and Teaching Supplies	000000-1912-879	Protect premium ZEISS Computer	Carl Zeiss	000000-1912-879	Each	$706.20	4.0%	$677.95
Science Laboratory and Teaching Supplies	490016-0020-000	Protect Premium for Axio Imager.Z2 Section Advanced	Carl Zeiss	490016-0020-000	Each	$10,747.08	4.0%	$10,317.20
Science Laboratory and Teaching Supplies	490016-0030-000	Protect Premium for Axio Imager.Z2 Section Standard	Carl Zeiss	490016-0030-000	Each	$8,808.24	4.0%	$8,455.91
Science Laboratory and Teaching Supplies	490016-0040-000	Protect Premium for Axio Imager.Z2 Scan Advanced	Carl Zeiss	490016-0040-000	Each	$11,466.12	4.0%	$11,007.48
Science Laboratory and Teaching Supplies	490016-0050-000	Protect Premium for Axio Imager.Z2 Scan Standard	Carl Zeiss	490016-0050-000	Each	$9,527.28	4.0%	$9,146.19
Science Laboratory and Teaching Supplies	491915-0011-000	Premium Schutz 1-Jahr für Axio Observer 7 Live Standard/Advanced	Carl Zeiss	491915-0011-000	Each	$10,053.72	4.0%	$9,651.57
Science Laboratory and Teaching Supplies	491915-0012-000	Protect Premium 1yr. for Axio Observer 7 Scan Std/Adv or Sect Std	Carl Zeiss	491915-0012-000	Each	$8,808.24	4.0%	$8,455.91
Science Laboratory and Teaching Supplies	491915-0013-000	Protect Premium 1yr. for Axio Observer 7 Section Advanced	Carl Zeiss	491915-0013-000	Each	$10,747.08	4.0%	$10,317.20
Science Laboratory and Teaching Supplies	430039-9031-000	PC-Interface for Microscopes, Trigger and Celldiscoverer 7	Carl Zeiss	430039-9031-000	Each	$3,694.71	4.0%	$3,546.92
Science Laboratory and Teaching Supplies	00-2010-80	0.8x c-mount adapter for Excelis 4K, adjustable focus	Accu-Scope	00-2010-80	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	010-00584R	standard accessories without smartDial	Accu-Scope	010-00584R	Each	$5,375.00	4.0%	$5,160.00
Science Laboratory and Teaching Supplies	010-00605R	X-Cite TETREM™ XT640S (365 nm) w/smartDIAL (SD) 1.5m LLG, adaptor	Accu-Scope	010-00605R	Each	$6,990.00	4.0%	$6,710.40
Science Laboratory and Teaching Supplies	010-00607R	X-Cite TETREM™ XT640S (365 nm) w/smartDIAL (SD) 1.5m LLG, without adaptor	Accu-Scope	010-00607R	Each	$6,400.00	4.0%	$6,144.00
Science Laboratory and Teaching Supplies	010-00610R	LLG, adaptor	Accu-Scope	010-00610R	Each	$6,990.00	4.0%	$6,710.40
Science Laboratory and Teaching Supplies	010-00612R	X-Cite TETREM™ XT640L (385 nm) w/smartDIAL (SD) 1.5m LLG, without adaptor	Accu-Scope	010-00612R	Each	$6,400.00	4.0%	$6,144.00
Science Laboratory and Teaching Supplies	250-3228-AN	Analyzer	Accu-Scope	250-3228-AN	Each	$255.00	4.0%	$244.80
Science Laboratory and Teaching Supplies	250-3230	compensator plate	Accu-Scope	250-3230	Each	$947.00	4.0%	$909.12
Science Laboratory and Teaching Supplies	250-3295-A	Carry Case - Aluminum hard sided, form fitted for EXC-250	Accu-Scope	250-3295-A	Each	$294.00	4.0%	$282.24
Science Laboratory and Teaching Supplies	410-2010-35	0.35x c-mount adapter for 1/3" chip sensors, adjustable focus	Accu-Scope	410-2010-35	Each	$562.00	4.0%	$539.52
Science Laboratory and Teaching Supplies	75-2010-80	adjustment	Accu-Scope	75-2010-80	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	810-10093X	Nikon TS100	Accu-Scope	810-10093X	Each	$795.00	4.0%	$763.20
Science Laboratory and Teaching Supplies	810-10097X	Nikon LV	Accu-Scope	810-10097X	Each	$795.00	4.0%	$763.20
Science Laboratory and Teaching Supplies	810-10098X	Nikon (for NI/Ci with FL-2 EPI attachment)	Accu-Scope	810-10098X	Each	$795.00	4.0%	$763.20
Science Laboratory and Teaching Supplies	EXC-250	Trinocular Microscope with Infinity Plan Achromat Objectives Trinocular viewing head, inclined 30°, rotatable 360° HWF Plan 10x/20mm focusing eyepieces (paired - one w/pointer), with eyeguards Reversed quadruple nosepiece Infinity Plan achromat 4x, 10x, 40xR and 100xR oil objectives Mechanical stage, 140 X 132mm Abbe condenser, N.A. 1.25 with iris diaphragm (with slot for sliders) Coaxial coarse and fine focusing controls 5-watt LED variable illuminator Dust cover, power cord, immersion oil, and instruction manual	Accu-Scope	EXC-250	Each	$1,650.00	4.0%	$1,584.00

Science Laboratory and Teaching Supplies	EXC-250-10	EXC-250 with 10x, 40xR and 100xR oil objectives Trinocular viewing head, inclined 30°, rotatable 360° HWF Plan 10x/20mm focusing eyepieces (paired - one w/pointer), with eyeguards Reversed quadruple nosepiece Infinity Plan achromat 10x, 40xR and 100xR oil objectives Mechanical stage, 140 X 132mm Abbe condenser, N.A. 1.25 with iris diaphragm (with slot for sliders) Coaxial coarse and fine focusing controls 5-watt LED variable illuminator Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-250-10	Each	$1,625.00	4.0%	$1,560.00
Science Laboratory and Teaching Supplies	EXC-250-40	Same as above except with only 3 objectives - Infinity Plan	Accu-Scope	EXC-250-40	Each	$1,475.00	4.0%	$1,416.00
Science Laboratory and Teaching Supplies	EXC-250-4K	Trinocular microscope with Excelis 4K Camera Trinocular viewing head (50/50 light split) Excelis AU-800-4K Camera with 0.65x c-mount adapter HWF Plan 10x/20mm focusing eyepieces (paired - one w/pointer), with eyeguards Reversed quadruple nosepiece Infinity Plan achromat 4x, 10x, 40xR and 100xR oil objectives Mechanical stage, 140 X 132mm Abbe condenser, N.A. 1.25 with iris diaphragm (with slot for sliders) Coaxial coarse and fine focusing controls 5 watt LED variable illuminator Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-250-4K	Each	$3,691.00	4.0%	$3,543.36
Science Laboratory and Teaching Supplies	EXC-250-4KS	EXC-250 with 4K Camera and Screen Same as above except with AU-800-4K camera and screen	Accu-Scope	EXC-250-4KS	Each	$4,274.00	4.0%	$4,103.04
Science Laboratory and Teaching Supplies	EXC-250-HD	Same as above except with Excelis AU-600-HD camera and	Accu-Scope	EXC-250-HD	Each	$3,163.00	4.0%	$3,036.48
Science Laboratory and Teaching Supplies	EXC-250-HDL	Trinocular microscope with Excelis HD Lite Camera and Monitor Same as above except with Excelis AU-300-HD camera and 0.35x c-mount	Accu-Scope	EXC-250-HDL	Each	$2,633.00	4.0%	$2,527.68
Science Laboratory and Teaching Supplies	EXC-250-HDLS	Trinocular microscope with Excelis HD Lite Camera Same as above except with Excelis AU-300-HD camera and 0.35x c-mount	Accu-Scope	EXC-250-HDLS	Each	$3,163.00	4.0%	$3,036.48
Science Laboratory and Teaching Supplies	EXC-250-HDS	Same as above except with Excelis AU-600-HDS camera	Accu-Scope	EXC-250-HDS	Each	$3,693.00	4.0%	$3,545.28
Science Laboratory and Teaching Supplies	EXC-250-SPH	Trinocular Microscope with Slider Phase Set 10x and 40xR Trinocular viewing head, inclined 30°, rotatable 360° HWF Plan 10x/20mm focusing eyepieces (paired - one w/pointer), with eyeguards Reversed quadruple nosepiece Infinity Corrected Plan phase contrast 10x and 40xR objectives Mechanical stage, 140 X 132mm Abbe condenser, N.A. 1.25 with (1) phase slider with 10x & 40x annuli and Brightfield position Coaxial coarse and fine focusing controls 5-watt LED variable illuminator Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-250-SPH	Each	$1,995.00	4.0%	$1,915.20
Science Laboratory and Teaching Supplies	EXC-250-SPH-HS	Trinocular Microscope with Silder Phase Set - 10x and 40xR Same as above except with trinocular viewing head (50/50 light split) Optional C-mount or photo tube adapters sold separately See parts listing below for 20x and 100x phase slider and objectives	Accu-Scope	EXC-250-SPH-HS	Each	$5,080.00	4.0%	$4,876.80
Science Laboratory and Teaching Supplies	EXC-500-MBL	EXC-500 Main body frame with Light Intensity Manager	Accu-Scope	EXC-500-MBL	Each	$2,995.00	4.0%	$2,875.20
Science Laboratory and Teaching Supplies	O-2005-80	0.80x c-mount adapter for 1/1.2" chip sensors (e.g., IMX585), focus adjustable	Accu-Scope	O-2005-80	Each	$351.00	4.0%	$336.96
Science Laboratory and Teaching Supplies	AV-HDS	HD monitor and mounting bracket for AU-600-HD, AU-300-HD and AU-800-4K cameras.	Accu-Scope	AV-HDS	Each	$583.00	4.0%	$559.68
Science Laboratory and Teaching Supplies	AV-PATHOPIX-4K	4K output, 60 fps, HDMI, USB 3.0, Ethernet, WiFi Output	Accu-Scope	AV-PATHOPIX-4K	Each	$2,295.00	4.0%	$2,203.20

Science Laboratory and Teaching Supplies	5036	30 mm I.D. Adapter	Accu-Scope	5036	Each	$37.00	4.0%	$35.52
Science Laboratory and Teaching Supplies	O-2005-35	U-TV0.35XC-2 (Olympus OEM)	Accu-Scope	O-2005-35	Each	$313.00	4.0%	$300.48
Science Laboratory and Teaching Supplies	O-2005-5	(Olympus OEM)	Accu-Scope	O-2005-5	Each	$313.00	4.0%	$300.48
Science Laboratory and Teaching Supplies	O-2005-63	U-TV0.63X (Olympus OEM)	Accu-Scope	O-2005-63	Each	$329.00	4.0%	$315.84
Science Laboratory and Teaching Supplies	N-2005-35	MQD42035	Accu-Scope	N-2005-35	Each	$419.00	4.0%	$402.24
Science Laboratory and Teaching Supplies	N-2005-55	(Nikon OEM)	Accu-Scope	N-2005-55	Each	$419.00	4.0%	$402.24
Science Laboratory and Teaching Supplies	N-2005-7	MQD42070 (Nikon OEM)	Accu-Scope	N-2005-7	Each	$419.00	4.0%	$402.24
Science Laboratory and Teaching Supplies	112-13-08	Diascopic stand for embroyo transfer with 360° rotatable and tiltable mirror; slides forward and backward for adjustable positioning and ø76mm pod holder, 125mm focusing travel, 175mm (L) x 310mm (D) x 382mm (H), accepts 15mm fiber. Fiber optic (CAT# 112-20-01) and LED illuminator (CAT# 15918) sold separately.	Unitron	112-13-08	Each	$2,251.00	4.0%	$2,160.96
Science Laboratory and Teaching Supplies	15857-WL	control	Unitron	15857-WL	Each	$304.00	4.0%	$291.84
Science Laboratory and Teaching Supplies	16116	20 watt LED fiber optic illuminator, 22" bifurcated cables, 480 lumens, 20,000 Lux @ 100mm	Unitron	16116	Each	$825.00	4.0%	$792.00
Science Laboratory and Teaching Supplies	13107	Binocular Zoom Stereo Microscope on Flex Arm Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, flexible articulating arm stand with c-clamp mount, dust cover and manual	Unitron	13107	Each	$1,931.00	4.0%	$1,853.76
Science Laboratory and Teaching Supplies	13120	With Fan-shaped Base	Unitron	13120	Each	$1,445.00	4.0%	$1,387.20
Science Laboratory and Teaching Supplies	13220	Binocular Zoom Stereo Microscope on Plain Focusing Stand With Fan-shaped Base Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view fan-shaped base plain focusing stand Dust cover and manual	Unitron	13220	Each	$1,109.00	4.0%	$1,064.64
Science Laboratory and Teaching Supplies	13240	Trinocular Zoom Stereo Microscope on Plain Focusing Stand With Fan-shaped Base Same as above except with a 45° trinocular viewing head	Unitron	13240	Each	$1,334.00	4.0%	$1,280.64
Science Laboratory and Teaching Supplies	13520	With Fan-shaped Base	Unitron	13520	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	00-2010-80	0.8x c-mount fo Excelis 4K camera, with focus adjustment	Unitron	00-2010-80	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	13520-1	Binocular Zoom Stereo Microscope on Plain Focusing Stand With Fan-shaped Base With Quad LED Ring Light Binocular viewing head, Quadrant control LED ring Light (CAT# 15854), 0.67x to 4.5x zoom range, inclined at 45°, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view 110mm, fan-shaped base plain focusing stand Dust cover, 125mm black & white stage plate, instruction manual	Unitron	13520-1	Each	$1,730.00	4.0%	$1,660.80
Science Laboratory and Teaching Supplies	13520-4	With Fan-shaped Base With Dual-Gooseneck Illuminator	Unitron	13520-4	Each	$1,804.00	4.0%	$1,731.84
Science Laboratory and Teaching Supplies	13540-1	Trinocular Zoom Stereo Microscope on Plain Focusing Stand With Fan-shaped Base With Quad LED Ring Light Same as above except with a 45° trinocular viewing head, 50/50 light split, Quadrant control LED ring Light (CAT# 15854) C-mount adapters and cameras sold separately	Unitron	13540-1	Each	$1,960.00	4.0%	$1,881.60

Science Laboratory and Teaching Supplies	13540-4	Trinocular Zoom Stereo Microscope on Plain Focusing Stand With Fan-shaped Base With Dual-Gooseneck Illuminator Same as above except with a 45° trinocular viewing head, 50/50 light split, dual gooseneck illuminator (CAT# 15857) C-mount adapters and cameras sold separately	Unitron	13540-4	Each	$2,034.00	4.0%	$1,952.64
Science Laboratory and Teaching Supplies	75-2010-80	0.8x c-mount adapter for Excelis 4K camera, focusable	Unitron	75-2010-80	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	410799-1800-000	ZEISS Care - Stemi 305	Carl Zeiss	410799-1800-000	Each	$321.00	4.0%	$308.16
Science Laboratory and Teaching Supplies	410799-1801-000	ZEISS Care - Axiovert 5 Digital	Carl Zeiss	410799-1801-000	Each	$3,210.00	4.0%	$3,081.60
Science Laboratory and Teaching Supplies	410799-1802-000	ZEISS Care - Axiovert 5	Carl Zeiss	410799-1802-000	Each	$1,070.00	4.0%	$1,027.20
Science Laboratory and Teaching Supplies	410799-1803-000	ZEISS Care - Primovert	Carl Zeiss	410799-1803-000	Each	$535.00	4.0%	$513.60
Science Laboratory and Teaching Supplies	410799-1804-000	ZEISS Care - Primostar	Carl Zeiss	410799-1804-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	410799-1805-000	ZEISS Care - Stemi 508	Carl Zeiss	410799-1805-000	Each	$535.00	4.0%	$513.60
Science Laboratory and Teaching Supplies	410799-1806-000	ZEISS Care - Discovery V8	Carl Zeiss	410799-1806-000	Each	$856.00	4.0%	$821.76
Science Laboratory and Teaching Supplies	410799-1807-000	ZEISS Care - Axiolab 5	Carl Zeiss	410799-1807-000	Each	$642.00	4.0%	$616.32
Science Laboratory and Teaching Supplies	410799-1808-000	ZEISS Care - Axioscope 5	Carl Zeiss	410799-1808-000	Each	$1,070.00	4.0%	$1,027.20
Science Laboratory and Teaching Supplies	410799-1809-000	ZEISS Care - Axiocam	Carl Zeiss	410799-1809-000	Each	$428.00	4.0%	$410.88
Science Laboratory and Teaching Supplies	415501-0001-000	Primostar 3, fix-K, bi, FOV20, 4 pos, ABBE 0.9, 75x40 Complete configuration with fixed-Köhler stand with handle including - Transmitted-light illumination LED 1W white-light, 5600K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left - binocular tube 25°/20 - eyepieces 10x/20 Br.foc. with eyecups, 1x with pointer - objectives iPlan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/1.25 with slot - 5V USB port - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0001-000	Each	$1,565.41	4.0%	$1,502.79
Science Laboratory and Teaching Supplies	415501-0011-000	Complete configuration with fixed-Köhler stand with handle	Carl Zeiss	415501-0011-000	Each	$1,959.17	4.0%	$1,880.80
Science Laboratory and Teaching Supplies	415501-0021-000	Primostar 3, full-K., tri, FOV22, 5 pos, Ph2, ABBE 0.9, 75x50 Complete configuration with full-Köhler stand including - transmitted-light slide-in modules with 6V 30W halogen lamp and LED 3W white light, 5600K - 5-position nosepiece, tilted backwards - mechanical rackless stage 75x50, drive right and specimen holder work for two slides, with spring clip left - binocular phototube 25°/22 (50:50) - eyepieces 10x/22 Br.foc. with eyecups - objectives iPlan-Achromat 4x, 10x, 40x Ph2 - Abbe condenser0.9/ 1.25 with slot - light manager - ECO-Mode - Slider BF/Ph2 - pinhole diaphragm, d=30mm - color filter set blue, green, yellow - 6V 30W halogen lamp (spare part) - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0021-000	Each	$3,100.86	4.0%	$2,976.83
Science Laboratory and Teaching Supplies	415501-0021-001	Primostar 3, full-K, tri, FOV22, 5pos, 40xPh2, ABBE 0.9, 75x50 Complete configuration with full-Köhler stand including - transmitted-light slide-in modules with 6V 30W halogen lamp and LED 3W white light, 5600K - 5-position nosepiece, tilted backwards - mechanical rackless stage 75x50, drive right and specimen holder work for two slides, with spring clip left - binocular phototube 25°/22 (50:50) - eyepieces 10x/22 Br.foc. with eyecups - objective iPlan-Achromat 40x Ph2 - Abbe condenser0.9/ 1.25 with slot - light manager - ECO-Mode - Slider BF/Ph2 - pinhole diaphragm, d=30mm - color filter set blue, green, yellow - 6V 30W halogen lamp (spare part) - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0021-001	Each	$2,786.28	4.0%	$2,674.83
Science Laboratory and Teaching Supplies	415501-0031-000	75x50 Complete configuration with full-Köhler stand including	Carl Zeiss	415501-0031-000	Each	$4,030.69	4.0%	$3,869.46
Science Laboratory and Teaching Supplies	415501-0031-001	Primostar 3, full-K, tri, FOV22, 5pos, 40xPh2, ABBE turret, 75x50 Complete configuration with full-Köhler stand including - transmitted-light slide-in modules with 6V 30W halogen lamp and LED 3W white light, 5600K - 5-position nosepiece, cod., tilted backwards - mechanical rackless stage 75x50, drive right and specimen holder for two slides, with spring clip left - binocular phototube 25°/22 (50:50) - eyepieces 10x/22 Br.foc. with eyecups - objective iPlan-Achromat 40x Ph2 - ABBE condenser 0.9with turret disk BF, DF, Ph1, Ph2, Ph3 - pinhole diaphragm, d=30mm - light manager - ECO-Mode - color filter set blue, green, yellow - 6V 30W halogen lamp (spare part) - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0031-001	Each	$3,657.26	4.0%	$3,510.97

Science Laboratory and Teaching Supplies	415501-0041-000	Primostar 3, full-K, tri, FOV22, 5 pos, ABBE 0.9, 75x50 Complete configuration with full-Köhler stand including - transmitted-light slide-in modules with 6V 30W halogen lamp and LED 3W white light, 5600K - 5-position nosepiece, tilted backwards - mechanical rackless stage 75x50, drive right and specimen holder for two slides, with spring clip left - binocular phototube 25°/22 (50:50) - eyepieces 10x/22 Br.foc. with eyecups - objectives iPlan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/ 1.25 with slot - light manager - ECO-Mode - color filter set blue, green, yellow - 6V 30W halogen lamp (spare part) - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0041-000	Each	$2,802.33	4.0%	$2,690.24
Science Laboratory and Teaching Supplies	415501-0061-000	Complete configuration with fixed-Köhler stand including -	Carl Zeiss	415501-0061-000	Each	$2,348.65	4.0%	$2,254.70
Science Laboratory and Teaching Supplies	415501-0071-000	Primostar 3, fix-K, bi, cam, FOV20, 4 pos, ABBE 0.9, 75x40 Complete configuration with fixed-Köhler stand including - Transmitted-light illumination LED 1W white-light, 5600K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left - binocular tube 25°/22 with integrated camera 8MP - eyepieces 10x/20 Br.foc. with eyecups - objectives iPlan-Achromat 4x, 10x, 40x - Abbe condenser0.9/1.25 with slot - 5V USB port - Country-specific power cable - dust cover - 5 years warranty Camera specification Sensor: Sony CMOS image sensor Color, Rolling Shutter Number of Pixel: 3840 (H) x 2160 (V) = 8.3MP, Ultra HD (4K) Selectable Resolution: 3840 x 2160 = Ultra HD (4K) and 1920 x 1080 = Full HD (1080p) Pixel size: 1.85 µm x 1.85 µm Effective Area: 7.1 mm x 4.0 mm, equivalent to 1/2.1" (8.15 mm diagonal) Spectral range: approx. 400 nm – 700 nm, IR filter Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate via HDMI: 30 fps @ 4K/1080p (also with HDR) Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 3840 x 2160 up to 15 fps (ZEN blue edition) 1920 x 1080 up to 27 fps (ZEN blue edition) 1920 x 1080 up to 30 fps (Labscope) Digitization: 8-bit/pixel Integration time: 0.06 ms up to 1 s Interfaces for Communication: HDMI for monitor USB 3.0 Type C for USB hub, flash drive, Wi-Fi adapter or, PC connection Ethernet (RJ45) for LAN connection Optical interface: integrated adapter Max. file size per image: .tiff up to: 24 MB (not content dependent) .jpg up to: approx. 0.5 MB – 3.3MB (content dependent) Size/Weight: approx. 135 x 97 x 54mm / 590 g Passive cooling by aluminium cooling fins on the cover	Carl Zeiss	415501-0071-000	Each	$4,400.91	4.0%	$4,224.87
Science Laboratory and Teaching Supplies	415501-0081-000	Primostar 3, fix-K, Bi, FOV20, 4 pos, 100x Oil, ABBE 0.9, 75x40 Complete configuration with fixed-Köhler stand with handle including - Transmitted-light illumination LED 1W white-light, 5600K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left - binocular tube 25°/20 - eyepieces 10x/20 Br.foc. with eyecups, 1x with pointer - objectives iPlan-Achromat 4x, 10x, 40x, 100x Oil - Abbe condenser 0.9/1.25 with slot - 5V USB port - oiler with 5 ml immersion oil - Country-specific power cable - dust cover - 5 years warranty	Carl Zeiss	415501-0081-000	Each	$1,949.54	4.0%	$1,871.56
Science Laboratory and Teaching Supplies	415501-0091-000	Complete configuration with full-Köhler stand including -	Carl Zeiss	415501-0091-000	Each	$6,369.71	4.0%	$6,114.92
Science Laboratory and Teaching Supplies	415501-0101-002	Primostar 1, fix-K, bi, FOV20, 4 pos, ABBE 0.9, 75x40, pointer Complete configuration with fixed-Köhler stand including - Transmitted-light illumination LED 3W warm-light, 3200K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left - binocular tube 30°/20 - eyepieces 10x/20 Br.foc. with eyecups, 1x with pointer - objectives Plan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/1.25 - external power unit 100...240VAC/50...60Hz/30VA with country-specific adapters - dust cover - 5 years warranty	Carl Zeiss	415501-0101-002	Each	$1,339.64	4.0%	$1,286.05

Science Laboratory and Teaching Supplies	415501-0111-000	Primostar 1, fix-K, tri, FOV20, 4 pos, ABBE 0.9, 75x40, pointer Complete configuration with fixed-Köhler stand including - Transmitted-light illumination LED 3W warm-light, 3200K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left - trinocular tube 30°/20 - eyepieces 10x/20 Br.foc. with eyecups, 1x with pointer - objectives Plan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/1.25 - external power unit 100...240VAC/50...60Hz/30VA with country-specific adapters - dust cover	Carl Zeiss	415501-0111-000	Each	$1,802.95	4.0%	$1,730.83
Science Laboratory and Teaching Supplies	415501-0231-000	ABBE 0.9 turret, 75x50 Complete configuration with full-	Carl Zeiss	415501-0231-000	Each	$7,589.51	4.0%	$7,285.93
Science Laboratory and Teaching Supplies	415501-0261-000	Primostar 3, fix-K, bi, cam, FOV20, 4 pos, ABBE 0.9, 75x40 Complete configuration with fixed-Koehler stand including - transmitted-light illumination LED 1W white-light, 5600K - 4-position nosepiece, tilted backwards - mechanical rackless stage 75x40,drive right and specimen holder for one slide with spring clip left - binocular tube 25°/20 (50:50) with integrated camera 5 MP - eyepieces 10x/20 Br. foc. with eyecups - objectives iPlan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/1.25 with slot - 5V USB port - country-specific power cable - dust cover - 5 years warranty Camera specification Sensor: CMOS image sensor Color, Rolling Shutter Number of Pixel: 2592 (H) x 1944 (V) = 5.04MP Selectable resolution: 5 MP (snap) and 2 MP (live, snap) Resolution 5 MP: 2592 x 1944 Pixel size (physical): 2.0 µm x 2.0 µm sensor size (complete): 5.2 mm x 3.9 mm, equivalent to 1/2.8" (6.5 mm diagonal) Resolution 2 MP: 1920 x 1080 (Full HD, 1080p) Pixel size (calculated): 2.67 µm x 2.67 µm sensor size (used): 5.1 mm x 2.9 mm (5.9 mm diagonal) Frame rate: maximum 30 fps in Labscope with optimal exposure time Digitization: 24-bit (3 x 8-bit RGB) A/D conversion Exposure time range: 0.03 ms up to 1 s Interfaces for Communication and for Power: USB 3.0 Type A for Wi-Fi adapter or USB flashdrive Ethernet (RJ45) for LAN connection Barrel jack for power adapter Opticalinterface: C-mount Environmental conditions: +5°C to +40°C, max. 80% relative air humidity at 35°C, no condensation, free air circulation required, indoor use Supported Operating systems: Windows 10 <(>&<)> 11 (64-bit), iOS 15 or later, Android 12 or later Supported Application Software: Labscope v4.3 and later versions (for Windows, iOS and Android) The camera is network-enabled and can be used with the ZEISS iOS App, Android APP and ZEISS	Carl Zeiss	415501-0261-000	Each	$3,733.23	4.0%	$3,583.90
Science Laboratory and Teaching Supplies	415501-0271-000	Primostar 3, full-K, bi, cam, FOV22, 5 pos, ABBE 0.9, 75x50 Complete configuration with full-Koehler stand including - transmitted-light slide-in modules with LED 3W white light, 5600K - 5-position nosepiece, tilted backwards - mechanical rackless stage 75x50, drive right and specimen holder for two slides with spring clip left - binocular tube 25°/22 (50:50) with integrated camera 5 MP - eyepieces 10x/22 Br. foc. with eyecups - objectives iPlan-Achromat 4x, 10x, 40x - Abbe condenser 0.9/1.25 with slot - Light manager - ECO mode - color filter set blue, green, yellow - country-specific power cable - dust cover - 5 years warranty Camera specification Sensor: CMOS image sensor Color, Rolling Shutter Number of Pixel: 2592 (H) x 1944 (V) = 5.04MP Selectable resolution: 5 MP (snap) and 2 MP (live, snap) Resolution 5 MP: 2592 x 1944 Pixel size (physical): 2.0 µm x 2.0 µm sensor size (complete): 5.2 mm x 3.9 mm, equivalent to 1/2.8" (6.5 mm diagonal) Resolution 2 MP: 1920 x 1080 (Full HD, 1080p) Pixel size (calculated): 2.67 µm x 2.67 µm sensor size (used): 5.1 mm x 2.9 mm (5.9 mm diagonal) Frame rate: maximum 30 fps in Labscope with optimalexposure time Digitization: 24-bit (3 x 8-bit RGB) A/D conversion Exposure time range: 0.03 ms up to 1 s Interfaces for Communication and for Power: USB 3.0 Type A for Wi-Fi adapter or USB flashdrive Ethernet (RJ45) for LAN connection Barrel jack for power adapter Optical interface: C-mount Environmental conditions: +5°C to +40°C, max. 80% relative air humidity at 35°C, no condensation, free air circulation required, indoor use Supported Operating systems: Windows 10 &11 (64-bit), iOS 15 or later, Android 12 or later Supported Application Software: Labscope v4.3 and later versions (for Windows, iOS and Android) The camera is network-enabled and can be used with the ZEISS iOS App, Android APP and ZEISS	Carl Zeiss	415501-0271-000	Each	$5,004.39	4.0%	$4,804.21

Science Laboratory and Teaching Supplies	415501-0281-000	turret, 75x50 Complete configuration with full-Koehler stand	Carl Zeiss	415501-0281-000	Each	$6,017.68	4.0%	$5,776.97
Science Laboratory and Teaching Supplies	430037-9100-000	Base plate for microscope stand Axio Lab.A1 and Axiolab 5 is screwed directly below the microscope stand; its enlarged basic area ensures increased stability (e.g. when Ergotubes and/or cameras are used)	Carl Zeiss	430037-9100-000	Each	$93.09	4.0%	$89.37
Science Laboratory and Teaching Supplies	430037-9400-000	Base plate for microscope stand Axiolab 5 module Consists of: - Base plate for microscope stand Axiolab 5, is screwed directly below the microscope stand; its enlarged basic area ensures increased stability (e.g. when Ergotubes and/or cameras are used)	Carl Zeiss	430037-9400-000	Each	$93.09	4.0%	$89.37
Science Laboratory and Teaching Supplies	430035-9032-000	lower stand part for HAL 50W illumination with deck star	Carl Zeiss	430035-9032-000	Each	$3,230.33	4.0%	$3,101.12
Science Laboratory and Teaching Supplies	430035-9061-000	Microscope stand Axioscope 5, TL/FL, 6xH DIC encoded - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED 10W, optional for HAL 100W - dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - auto mechanical safety shutter - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - CAN port for Colibri/HXP - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP /Colibri - nosepiece 6xH DIC,M27, encoded - dovetail mount for coded changeable reflector turrets and reflector slider - mount for luminous-field diaphragm slider - mount for aperture stop slider or FL attenuator - mount for adjusting aid for HBO/XBO - mount for filter slider R, 14x40 mm d=25mm	Carl Zeiss	430035-9061-000	Each	$5,121.02	4.0%	$4,916.18
Science Laboratory and Teaching Supplies	430035-9091-000	Microscope stand Axioscope 5, RL, 6x HD DIC encoded - lower stand part with dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP - brightfield/darkfield reflected light illuminator LED 10W white - nosepiece 6x brightfield/darkfield DIC, M27, encoded - dovetail mount for encoded changeable reflector turrets and reflector slider - built in illumination adapter, achromatic - built in luminous-field diaphragm slider - built in aperture stop slider - mount for filter slider A 14x40 mm d=25mm - mount for polarizer slider A 6x30 mm	Carl Zeiss	430035-9091-000	Each	$6,099.00	4.0%	$5,855.04
Science Laboratory and Teaching Supplies	430035-9121-000	lower stand part with dovetail illumination interface -	Carl Zeiss	430035-9121-000	Each	$6,260.57	4.0%	$6,010.15
Science Laboratory and Teaching Supplies	430035-9150-000	Microscope stand Axioscope Vario Stand RL, 6x HD DIC encoded Upper stand part including - nosepiece 6x brightfield/darkfield DIC, M27, encoded - reflected-light illumination LED 10W, with interface for HAL 100 and HBO/HXP - dovetail mount for encoded changeable reflector turrets and reflector Slider - built in illumination adapter, achromatic - built in luminous-field diaphragm slider - built in aperture stop slider - mount for filter slider A14x40 mm and polarizer slider A 6x30 mm - Focusing gear box Axioscope Vario, 15 mm focus lift - integrated 24V DC 30W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC Low part including - stand column 560 mm column with crank for vertical adjustment, max. sample height: 380 mm. - 352 mm x 224 mm effective area of base plate, with M6 mounting holes by 32 mm spacing.	Carl Zeiss	430035-9150-000	Each	$12,450.52	4.0%	$11,952.50

Science Laboratory and Teaching Supplies	430035-9201-000	Microscope stand Axioscope 5, TL, 6x H encoded, LED/HAL 100 - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED 10W, optional for HAL 12V 100W - dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - 6-position filter wheel for dia. 36 mm filters in TL - mount for 2-position filter slider 14x40, d=36 mm - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL - upper stand part for transmitted light with nosepiece 6x H, M27 - dovetail mount for changeable reflector turrets and reflector slider	Carl Zeiss	430035-9201-000	Each	$3,796.36	4.0%	$3,644.51
Science Laboratory and Teaching Supplies	430035-9241-000	100, Module Consisting of: - lower stand part with dovetail	Carl Zeiss	430035-9241-000	Each	$4,885.62	4.0%	$4,690.20
Science Laboratory and Teaching Supplies	430035-9261-000	Microscope stand Axioscope 5, TL POL, 5x H/Pol, 1x H/DIC, encoded - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED10W, optional for HAL 12V 100W - dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL - upper stand part for transmitted light with nosepiece 6x M27: 5x brightfield Pol, centerable and 1x brightfield DIC, fixed, encoded - dovetail mount for changeable reflector turrets and reflector slider	Carl Zeiss	430035-9261-000	Each	$5,296.50	4.0%	$5,084.64
Science Laboratory and Teaching Supplies	430035-9291-000	Microscope stand Axioscope 5, TL/RL POL, 5xHD/Pol, 1xHD/DIC encoded - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED10W, optional for HAL 12V 100W - dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP/Colibri - brightfield/darkfield reflected light illuminator LED 10W white - nosepiece 6x M27: 5x brightfield/darkfield Pol, centerable and 1x brightfield/darkfield DIC, fixed, encoded - dovetail mount for encoded changeable reflector turrets and reflector Slider - built in illumination adapter, achromatic - built in luminous-field diaphragm slider - built in aperture stop slider - mount for filter slider R 14x40 mm d=25mm - mount for polarizer slider A 6x30 mm	Carl Zeiss	430035-9291-000	Each	$7,039.53	4.0%	$6,757.95
Science Laboratory and Teaching Supplies	430035-9310-000	lower stand part with dovetail illumination interface -	Carl Zeiss	430035-9310-000	Each	$8,924.87	4.0%	$8,567.88

Science Laboratory and Teaching Supplies	430035-9320-000	Microscope stand Axioscope 7, TL/FL MOT, 6x H DIC encoded - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED 10W, optional for HAL 100W - dovetail mount for attachable stage carriers - motorized parfocality function - 24 mm motorized focus lift (min. step width 78 nm), adjustable focus stop - auto mechanical safety shutter - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - CAN port for Colibri/HXP - integrated 24V DC 100W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - snap button supports on ZEISS Axiocam - USB 2.0 to PC - CAN interface for motorized stage - dust cover - filter holder in TL - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP /Colibr i - nosepiece 6x brightfield DIC, M27, encoded - dovetail mount for encoded changeable reflector turrets and reflector slider - built in illumination adapter, achromatic - mount for luminous-field diaphragm slider - mount for aperture stop slider or FL attenuator - mount for adjusting aid for HBO/XBO - mount for filter slider R, 14x40 mm d=25mm - mount for polarizer slider A 6x30 mm	Carl Zeiss	430035-9320-000	Each	$10,222.78	4.0%	$9,813.87
Science Laboratory and Teaching Supplies	430035-9330-000	Microscope stand Axioscope 7, TL/RL MAT MOT, 6x HD DIC encoded - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED 10W, optional for HAL 12V 100W - dovetail mount for attachable stage carriers - 24 mm motorized focus lift (min. step width 78 nm), adjustable focus stop - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - CAN port for Colibri/HXP - integrated 24V DC 90W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button on right side supports on ZEISS Axiocam - Motion button on left side for motorized stage movement - USB 2.0 to PC - CAN interface for motorized stage - dust cover - filter holder in TL - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP/Colibri - brightfield/darkfield reflected light illuminator LED 10W white - nosepiece 6x brightfield/darkfield DIC, M27, encoded - dovetail mount for encoded changeable reflector turrets and reflector Slider - built in illumination adapter, achromatic - built in luminous-field diaphragm slider - built in aperture stop slider - mount for filter slider A 14x40 mm d=25mm - mount for polarizer slider A 6x30 mm	Carl Zeiss	430035-9330-000	Each	$9,588.27	4.0%	$9,204.74
Science Laboratory and Teaching Supplies	430035-9340-000	encoded - lower stand part with dovetail mount for attachable	Carl Zeiss	430035-9340-000	Each	$9,735.93	4.0%	$9,346.49
Science Laboratory and Teaching Supplies	430035-9461-000	Microscope stand Axioscope 5, TL/FL, 6xH DIC encoded, Module Consists of: - lower stand part with dovetail illumination interface - transmitted-light illumination with white LED 10W, optional for HAL 100W - dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - auto mechanical safety shutter - 6-position filter wheel for dia. 36 mm filters - mount for 2-position filter slider 14x40, d=36 mm - CAN port for Colibri/HXP - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP /Colibri - nosepiece 6xH DIC,M27, encoded - dovetail mount for coded changeable reflector turrets and reflector slider - mount for luminous-field diaphragm slider - mount for aperture stop slider or FL attenuator - mount for adjusting aid for HBO/XBO - mount for filter slider R, 14x40 mm d=25mm Additionally included: - 2x Eyepiece PL 10x/23 Br. foc. - 2x Eyepiece eyecup	Carl Zeiss	430035-9461-000	Each	$6,210.28	4.0%	$5,961.87

Science Laboratory and Teaching Supplies	430035-9491-000	Microscope stand Axioscope 5, RL, 6x HD DIC encoded, Module Consisting of: - lower stand part with dovetail mount for attachable stage carriers - 24 mm focus lift, adjustable focus stop - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports on ZEISS Axiocam - USB 2.0 to PC - dust cover - upper stand part with dovetail interface for reflected illumination HAL 100 /HBO /HXP - brightfield/darkfield reflected light illuminator LED 10W white - nosepiece 6x brightfield/darkfield DIC, M27, encoded - dovetail mount for encoded changeable reflector turrets and reflector slider - built in illumination adapter, achromatic - built in luminous-field diaphragm slider - built in aperture stop slider - mount for filter slider A 14x40 mm d=25mm - mount for polarizer slider A 6x30 mm Additionally included: - Reflector module bright field ACR P&C for reflected light - 2x Eyepiece PL 10x/23 Br. foc. - 2x Eyepiece eyecup	Carl Zeiss	430035-9491-000	Each	$7,789.60	4.0%	$7,478.02
Science Laboratory and Teaching Supplies	430037-9011-000	stage 75x50 R - Z-drive with fine drive knob left and fine	Carl Zeiss	430037-9011-000	Each	$2,062.96	4.0%	$1,980.44
Science Laboratory and Teaching Supplies	430037-9021-000	Microscope stand Axiolab 5, TL/FL, 3 channels FL-LED mount, 5x H encoded mechanical stage 75x50 R - FL-LED reflected-light illumination with 3-position mount for LED modules and 4-position reflector turret for P & C modules, coded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 15 mm focus lift - nosepiece 5x brightfield, M27 encoded - stage and condenser carrier - mechanical stage 75x50 R, rackless with hardcoat anodized surface, 220 x 150 mm stage plate, right drive 135 mm (extendable by 15 mm) with friction setting - dual specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - Auto. mechanical shutter in TL for fluorescence mode - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9021-000	Each	$4,912.37	4.0%	$4,715.88
Science Laboratory and Teaching Supplies	430037-9032-000	Microscope stand Axiolab 5. TL/RL Pol, 5x HD coded, rotary stage Pol 360° - reflected-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - reflector turret 4x encoded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 30 mm focus lift - nosepiece 5x M27 encoded. with 4x brightfield/darkfield, Pol, centerable and 1x brightfield/darkfield, fixed - stage and condenser carrier - rotary Pol stage d=180mm, 360° with clamping device and click stop per 45 degree, stage aperture d=30 mm - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9032-000	Each	$5,252.63	4.0%	$5,042.52
Science Laboratory and Teaching Supplies	430037-9042-000	encoded, rotary stage Pol 360° - Z-drive with fine drive knob	Carl Zeiss	430037-9042-000	Each	$4,912.37	4.0%	$4,715.88
Science Laboratory and Teaching Supplies	430037-9052-000	Microscope stand Axiolab 5, TL/RL, 5x HD coded, mechanical stage 75x30 R - reflected-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - reflector turret 4x encoded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 30 mm focus lift - nosepiece 5x brightfield/darkfield, M27 coded - stage and condenser carrier - mechanical stage 75x30 R, with hardcoat anodized surface, 220 x 150 mm stage plate, right drive 135 mm (extendable by 15 mm) with friction setting - single specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9052-000	Each	$4,912.37	4.0%	$4,715.88

Science Laboratory and Teaching Supplies	430037-9060-000	Microscope stand Axiolab 5, TL, 5x H coded, mechanical stage 75x50 L - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 15 mm focus lift - nosepiece 5x brightfield, M27 encoded - stage and condenser carrier - mechanical stage 75x50 L, rackless with hardcoat anodized surface, 220 x 150 mm stage plate, left drive 135 mm (extendable by 15 mm) with friction setting - dual specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9060-000	Each	$1,999.83	4.0%	$1,919.84
Science Laboratory and Teaching Supplies	430037-9070-000	mount, 5x H encoded, mechanical stage 75x50 L - FL-LED	Carl Zeiss	430037-9070-000	Each	$4,912.37	4.0%	$4,715.88
Science Laboratory and Teaching Supplies	430037-9110-000	Microscope stand Axiolab 5, TL, 5x H encoded, mechanical stage 75x30 R - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 15 mm focus lift - nosepiece 5x brightfield, M27 coded - stage and condenser carrier - mechanical stage 75x30 R with hardcoat anodized surface, 210 x 145 mm stage plate, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting - specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9110-000	Each	$2,062.96	4.0%	$1,980.44
Science Laboratory and Teaching Supplies	430037-9120-000	Microscope stand Axiolab 5, TL/FL, 3 channels FL-LED mount, 5x H encoded mechanical stage 75x30 R - FL-LED reflected-light illumination with 3-position mount for LED modules and 4-position reflector turret for P & C modules, coded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 15 mm focus lift - nosepiece 5x brightfield, M27 encoded - stage and condenser carrier - mechanical stage 75x30 R with hardcoat anodized surface, 210 x 145 mm stage plate, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting - specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - Auto. mechanical shutter in TL for fluorescence mode - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL	Carl Zeiss	430037-9120-000	Each	$4,912.37	4.0%	$4,715.88
Science Laboratory and Teaching Supplies	430037-9130-000	stage 360° - Z-drive with fine drive knob left and right - 30	Carl Zeiss	430037-9130-000	Each	$2,413.92	4.0%	$2,317.36
Science Laboratory and Teaching Supplies	430037-9421-000	Microscope Axiolab 5, TL/FL, 5x H encoded, Module Consists of: - FL-LED reflected-light illumination with 3-position mount for LED modules and 4-position reflector turret for P & C modules, coded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 15 mm focus lift - nosepiece 5x brightfield, M27 encoded - stage and condenser carrier - mechanical stage 75x50 R, rackless with hardcoat anodized surface, 220 x 150 mm stage plate, right drive 135 mm (extendable by 15 mm) with friction setting - dual specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - auto. mechanical shutter in TL for fluorescence mode - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL Includes in addition: - 2x Eyepiece PL 10x/23 Br. foc. - 2x Eyepiece eyecup - Neutral-density filter 0.06, d=32x2	Carl Zeiss	430037-9421-000	Each	$6,036.94	4.0%	$5,795.46

Science Laboratory and Teaching Supplies	430037-9452-000	Microscope Axiolab 5, TL/RL, 5x BD coded, Module Consists of: - reflected-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - reflector turret 4x encoded - Z-drive with fine drive knob left and fine drive disk right, flat with scale - 30 mm focus lift - nosepiece 5x brightfield/darkfield, M27 coded - stage and condenser carrier - mechanical stage 75x30 R, with hardcoat anodized surface, 220 x 150 mm stage plate, right drive 135 mm (extendable by 15 mm) with friction setting - single specimen holder for one-hand operation, spring lever left - transmitted-light illumination with white LED 10W, optional for halogen reflector lamp 12V 35W - integrated 24V DC 60W power unit, stabilized 100...240V AC/ 50...60Hz - country-specific power cable - ECO mode and light management control button - Snap button supports ZEISS Axiocam - USB 2.0 to PC - dust cover - filter holder in TL Includes in addition: - 2x Eyepiece PL 10x/23 Br. foc. - 2x Eyepieceeyecup - Neutral-density filter 0.06, d=32x2 - Reflector module bright field ACR P&C for reflected light	Carl Zeiss	430037-9452-000	Each	$6,638.28	4.0%	$6,372.75
Science Laboratory and Teaching Supplies	430037-9511-000	of: - Z-drive with fine drive knob left and fine drive disk right,	Carl Zeiss	430037-9511-000	Each	$2,743.48	4.0%	$2,633.74
Science Laboratory and Teaching Supplies	430020-9050-000	Stand column mot. STEP with Base plate Axio Imager Vario (D) Base plate 700x574 mm for stages up to 300x300 mm - height adjustment 250 mm - max. sample height 254 mm without stage - max. sample height 112 mm with stage for reflected-light application - max. sample height 88 mm with stage for transmitted-light application	Carl Zeiss	430020-9050-000	Each	$32,701.34	4.0%	$31,393.29
Science Laboratory and Teaching Supplies	430025-9050-000	Stand column man. with base plate Axio Imager Vario (D) Base plate 700x574 mm for stages up to 300x300 mm - height adjustment 250 mm - max. sample height 254 mm without stage - max. sample height 112 mm with stage for reflected-light application - max. sample height 88 mm with stage for transmitted-light application	Carl Zeiss	430025-9050-000	Each	$28,753.04	4.0%	$27,602.92
Science Laboratory and Teaching Supplies	430025-9060-000	(D) Base plate 630x524 mm for stages up to 200x200 mm -	Carl Zeiss	430025-9060-000	Each	$15,900.20	4.0%	$15,264.19
Science Laboratory and Teaching Supplies	423731-9000-000	Upper microscope part D Axio Examiner.A1 with mount for reflector slider P&C or reflector turret P&C	Carl Zeiss	423731-9000-000	Each	$1,959.17	4.0%	$1,880.80
Science Laboratory and Teaching Supplies	423731-9011-000	Upper microscope part D/A Axio Examiner.D1 with mount for reflected-light illumination man. P&C or reflected-light illumination mot. P&C, additional lower microscope part Axio Examiner mot. is required	Carl Zeiss	423731-9011-000	Each	$3,066.62	4.0%	$2,943.96
Science Laboratory and Teaching Supplies	423731-9031-000	60N with mount for reflected-light illumination man. P&C or	Carl Zeiss	423731-9031-000	Each	$4,571.04	4.0%	$4,388.20
Science Laboratory and Teaching Supplies	423731-9110-000	Upper microscope part D/ A-FL Axio Examiner.A1 with - FL reflected-light illumination for HBO/HXP/Colibri with manual safety shutter - integrated luminous-field diaphragm and FL attenuator - mount for reflector slider P&C or reflector turret P&C - mount for filter slider 14x40	Carl Zeiss	423731-9110-000	Each	$4,191.19	4.0%	$4,023.54
Science Laboratory and Teaching Supplies	430000-9902-000	Axio Imager.Z2 microscope stand with Z-drive mot. and TFT monitor - heavy duty focusing drive motorized, stepsize 10 nm, with fine drive knob and fine drive disk, flat with scale, changeable - Light Control mot. - main controller incl. USB-A, USB-C and TCP/IP interface - transmitted-light illumination mot. - external power unit 12V DC 100W, stabilized, 100V...240V AC/50...60Hz/230VA, - USB cable and country-specific line cable	Carl Zeiss	430000-9902-000	Each	$13,493.77	4.0%	$12,954.02
Science Laboratory and Teaching Supplies	430001-9902-000	drive man., with fine drive knob and fine drive disk, flat with	Carl Zeiss	430001-9902-000	Each	$6,892.94	4.0%	$6,617.22
Science Laboratory and Teaching Supplies	430004-9902-000	Axio Imager.M2 microscope stand with Z-drive mot. and TFT monitor - Z-drive mot. basic, stepsize 25 nm, with fine drive knob and fine drive disk, flat with scala, changeable - transmitted-light illumination mot. - Light Control mot. - main controller incl. USB-A, USB-C and TCP/IP interface - stage/condenser carrier, detachable - external 12V DC 100W power unit, stabilized, 100V...240V AC/ 50...60Hz/230VA - USB cable and country-specific line cable	Carl Zeiss	430004-9902-000	Each	$8,167.31	4.0%	$7,840.62
Science Laboratory and Teaching Supplies	430005-9901-000	Axio Imager.A2 microscope stand - Z-drive man., with fine drive knob and fine drive disk, flat with scala, changeable - stage/condenser carrier, detachable - transmitted-light illumination man. - double filter wheel, discrete, man. with neutral-density filter set - Light Control man. with RS 232 interface - integrated 12V DC 100W power unit, stabilized, 100V...240V AC/50...60Hz/168VA - country-specific line cable and RS 232 cable	Carl Zeiss	430005-9901-000	Each	$3,192.88	4.0%	$3,065.16

Science Laboratory and Teaching Supplies	430007-9901-000	with fine drive knob and fine drive disk, flat with scala,	Carl Zeiss	430007-9901-000	Each	$4,088.47	4.0%	$3,924.93
Science Laboratory and Teaching Supplies	430008-0000-000	Axio Imager.M2p microscope stand with Z-drive mot. and LED - 7-position objective nosepiece cod. - LED illuminator for transmitted light - Z-drive mot. basic, stepsize 25 nm, with fine drive knob and fine drive disk, flat with scala, changeable - Light Control mot. - main controller incl. USB-A, USB-C and TCP/IP interface - stage/condenser carrier, detachable - external 12V DC 100W power unit, stabilized, 100V...240V AC/ 50...60Hz/230VA - USB cable and country-specific line cable	Carl Zeiss	430008-0000-000	Each	$9,634.28	4.0%	$9,248.91
Science Laboratory and Teaching Supplies	430010-9902-000	Axio Imager.Z2m microscope stand with Z-drive mot. and TFT monitor - heavy duty focusing drive motorized, stepsize 10 nm, with fine drive knob and fine drive disk, flat with scala, changeable - reflected-light illumination mot. with shutter and diffusion disk - Light Control mot. - Main controller incl. USB-A, USB-C and TCP/IP interface - external 12V DC 100W power unit, stabilized, 100V...240V AC/ 50...60Hz/230VA - USB cable and country-specific line cable	Carl Zeiss	430010-9902-000	Each	$21,258.76	4.0%	$20,408.41
Science Laboratory and Teaching Supplies	430011-9902-000	Z-drive man., with fine drive knob and fine drive disk, flat with	Carl Zeiss	430011-9902-000	Each	$9,922.11	4.0%	$9,525.23
Science Laboratory and Teaching Supplies	430014-9902-000	Axio Imager.M2m microscope stand with Z-drive mot. and TFT monitor - Z-drive mot. basic, stepsize 25 nm, with fine drive knob and fine drive disk, flat with scala, changeable - reflected-light illumination mot. with shutter and diffusion disk - 6-position reflector turret mot. - Light Control mot. - main controller incl. USB-A, USB-C and TCP/IP interface - external 12V DC 100W power unit, stabilized, 100V...240V AC/ 50...60Hz/230VA - USB cable and country-specific line cable	Carl Zeiss	430014-9902-000	Each	$13,367.51	4.0%	$12,832.81
Science Laboratory and Teaching Supplies	430015-9901-000	Axio Imager.A2m microscope stand - Z-drive man., with fine drive knob and fine drive disk, flat with scala, changeable - Light Control man. with RS 232 interface - reflected-light illumination with shutter and diffusion disk - stop slider with centerable luminous-field diaphragm - integrated 12V DC 100W power unit, - stabilized, 100V...240V AC/50...60Hz/168VA - country-specific line cable and RS 232 cable	Carl Zeiss	430015-9901-000	Each	$5,235.51	4.0%	$5,026.09
Science Laboratory and Teaching Supplies	430020-9001-000	box - motorized objective focusing - stepsize resolution 10	Carl Zeiss	430020-9001-000	Each	$14,363.68	4.0%	$13,789.13
Science Laboratory and Teaching Supplies	430020-9010-000	Microscope module Axio Imager.Z2 Vario mot. without objective focusing - mount for objective nosepiece mot. and reflector turret mot. - reflected-light illumination mot. with shutter and diffusion disk - mount for stop slider man. and mot.	Carl Zeiss	430020-9010-000	Each	$6,966.77	4.0%	$6,688.10
Science Laboratory and Teaching Supplies	430025-9000-000	Microscope module Axio Imager.A2 Vario mot. with Control-Box - motorized objective focusing - stepsize resolution 25 nm - 5 mm focus lifting range - Light Control man. with USB and RS 232 interface - reflector turret cod. - mount for objective nosepiece cod. - coaxial transmitter MARC for Axio - reflected-light illumination man. with shutter and diffusion disk - stop slider man. with centerable luminous-field diaphragm - mount for stop slider man. with centerable aperture stop - control cable 2 m for Axio Imager Vario - 12V DC 100W power unit, stabilized, 100...127/200...240V AC autorange 50...60Hz/168VA - country-specific line cable and USB cable	Carl Zeiss	430025-9000-000	Each	$15,143.71	4.0%	$14,537.96
Science Laboratory and Teaching Supplies	430031-9012-000	objective focusing, 25 nm increments, 100 nm reproducibility,	Carl Zeiss	430031-9012-000	Each	$7,764.99	4.0%	$7,454.39
Science Laboratory and Teaching Supplies	430031-9901-000	Lower microscope part Axio Examiner man. - objective focusing, 15 mm focus lifting range - adapter for objective mount - transmitted light illumination for Axio Examiner with luminous field diaphragm - switchable diffusion disk - mount for Dodt contrast slider - heat-protection filter/ filter IR BP 750-990 for IR contrast method used alternately - 6-position filter turret for dia. 32 mm filters	Carl Zeiss	430031-9901-000	Each	$6,912.20	4.0%	$6,635.71
Science Laboratory and Teaching Supplies	423731-9160-000	Connecting PCB for mot. components in upper part Axio Examiner D1/Z1 for use of shutter A mot. or reflected-light illumination mot.	Carl Zeiss	423731-9160-000	Each	$278.20	4.0%	$267.07
Science Laboratory and Teaching Supplies	425103-0000-000	with 2 switching positions, pos. 1 = 100% vis, pos. 2 for the	Carl Zeiss	425103-0000-000	Each	$946.95	4.0%	$909.07
Science Laboratory and Teaching Supplies	425104-0000-000	Camera path deflection on the left side, mot., interface 60N motorized slider with 2 switching positions, pos. 1 = 100% vis, pos. 2 for the optional mounting of path-deflecting mirror 100% = 100% doc or beam splitter 50% = 50% vis : 50% doc	Carl Zeiss	425104-0000-000	Each	$1,356.76	4.0%	$1,302.49

Science Laboratory and Teaching Supplies	425110-0003-000	Beam splitter 50%:50% 46x34mm for slider sideport Axio Examiner	Carl Zeiss	425110-0003-000	Each	$464.38	4.0%	$445.80
Science Laboratory and Teaching Supplies	425110-9110-000	mm	Carl Zeiss	425110-9110-000	Each	$677.31	4.0%	$650.22
Science Laboratory and Teaching Supplies	425110-9120-000	Beam splitter 50% for camera deflection, 34x46x2.2 mm	Carl Zeiss	425110-9120-000	Each	$677.31	4.0%	$650.22
Science Laboratory and Teaching Supplies	430000-9340-000	Plug-in board focus trigger for rapid z stack acquisition during continuous focus move for "Axio Observer.Z1", "Axio Imager" M1/M2/Z1/Z2 and "Axio Examiner" with lower microscope part mot. Interfaces: - 1x BNC Trigger-In - 1x BNC Trigger-Out - 2x CAN	Carl Zeiss	430000-9340-000	Each	$1,021.85	4.0%	$980.98
Science Laboratory and Teaching Supplies	430005-9304-000	interface with RS 232 cable	Carl Zeiss	430005-9304-000	Each	$1,059.30	4.0%	$1,016.93
Science Laboratory and Teaching Supplies	430007-9010-000	Installation kit for LED illumination on the Axio Imager 2 Cover plate with connector for the concealed cable guide of the LED illuminator in the stand base is inserted instead of the luminous-field diaphragm.	Carl Zeiss	430007-9010-000	Each	$112.35	4.0%	$107.86
Science Laboratory and Teaching Supplies	430039-9100-000	Extension housing for Celldiscoverer 7 system unit - integration of TempModule S1, CO2 Module S1, O2 Module S1 for Celldiscoverer 7 - integration of components at external camera port (additional camera) - dimensions (H x W x D): approx. 700 mm x 560 mm x 640 mm	Carl Zeiss	430039-9100-000	Each	$7,166.86	4.0%	$6,880.19
Science Laboratory and Teaching Supplies	430051-0000-000	the right side, recommended for combinations with	Carl Zeiss	430051-0000-000	Each	$70.62	4.0%	$67.80
Science Laboratory and Teaching Supplies	430051-9000-000	Fine drive knob with scale, changeable for Axio Imager 2, Axio Lab.A1 and Axiolab 5	Carl Zeiss	430051-9000-000	Each	$55.64	4.0%	$53.41
Science Laboratory and Teaching Supplies	430051-9010-000	Fine drive disk, flat with scala for Axio Imager 2, changeable	Carl Zeiss	430051-9010-000	Each	$58.85	4.0%	$56.50
Science Laboratory and Teaching Supplies	430052-0000-000	the left side, recommended for combinations with mechanical	Carl Zeiss	430052-0000-000	Each	$70.62	4.0%	$67.80
Science Laboratory and Teaching Supplies	452531-0001-010	Mirror 100%, 26x36 mm	Carl Zeiss	452531-0001-010	Each	$245.03	4.0%	$235.23
Science Laboratory and Teaching Supplies	425311-9000-000	Front optics 2.5x for Visioner 1 - coded bayonet interface - Minimum working distance: 17 mm (without LED ring illuminator) / 7 mm (with LED ring illuminator) - including LED ring illuminator with 1 ring	Carl Zeiss	425311-9000-000	Each	$1,530.10	4.0%	$1,468.90
Science Laboratory and Teaching Supplies	425311-9001-000	minimum working distance: 16 mm (without LED ring	Carl Zeiss	425311-9001-000	Each	$2,520.92	4.0%	$2,420.08
Science Laboratory and Teaching Supplies	425311-9010-000	Front optics 0.35x for Visioner 1 - coded bayonet interface - Minimum working distance: 147 mm (without LED ring illuminator) / 50 mm (with LED ring illuminator) - length adapter for 3-fold LED ring illuminator	Carl Zeiss	425311-9010-000	Each	$911.64	4.0%	$875.17
Science Laboratory and Teaching Supplies	425311-9011-000	Front optics 0.35x for Visioner 1 - coded bayonet interface - minimum working distance: 119 mm (without LED ring illuminator) 32 mm (with LED ring illuminator and illumination adapter)	Carl Zeiss	425311-9011-000	Each	$2,341.16	4.0%	$2,247.51
Science Laboratory and Teaching Supplies	425311-9020-000	minimum working distance: 61 mm (without LED ring	Carl Zeiss	425311-9020-000	Each	$1,058.23	4.0%	$1,015.90
Science Laboratory and Teaching Supplies	425311-9030-000	Front optics 1.2x telecentric for Visioner 1 - coded bayonet interface - minimum working distance: 37 mm (without LED ring illuminator) / 36 mm (with LED ring illuminator)	Carl Zeiss	425311-9030-000	Each	$1,509.77	4.0%	$1,449.38
Science Laboratory and Teaching Supplies	425311-9040-000	Front optics 1.8x telecentric for Visioner 1 - coded bayonet interface - minimum working distance: 25 mm (without LED ring illuminator) / 12 mm (with LED ring illuminator)	Carl Zeiss	425311-9040-000	Each	$1,509.77	4.0%	$1,449.38
Science Laboratory and Teaching Supplies	432928-9010-000	system unit - connection to LED ring illuminators (supports	Carl Zeiss	432928-9010-000	Each	$1,988.06	4.0%	$1,908.54
Science Laboratory and Teaching Supplies	432928-9030-000	Foot switch USB - for fast and hands-free image acquisition (snap-function) with ZEN core - integrated USB cable (type A)	Carl Zeiss	432928-9030-000	Each	$386.27	4.0%	$370.82
Science Laboratory and Teaching Supplies	435430-9100-000	Spacer plate H=30mm - for bringing samples into elevated position, necessary for focusing on samples lower than 30 mm - compatible with ball-and-socket and gliding stage - 2 spacer plates are recommended when using front optics 2.5x with no stage	Carl Zeiss	435430-9100-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	435430-9110-000	- three-jaw rim chuck, diam. 30 mm - clamping plier for	Carl Zeiss	435430-9110-000	Each	$4,177.28	4.0%	$4,010.19
Science Laboratory and Teaching Supplies	415510-1100-000	Primovert microscope stand with binocular tube - 4-position objective nosepiece H - specimen stage 200x239 mm with stage insert, metal - binocular tube 45°/20 - eyepieces 10x/20 Br. foc. - transmitted-light illumination with 6V 30W halogen bulb - pinhole diaphragm and allen keys for adjusting phase contrast - external power unit 100...240VAC/50...60Hz with country-specific adapters - dust cover - 6V 30W halogen lamp (spare part)	Carl Zeiss	415510-1100-000	Each	$2,759.53	4.0%	$2,649.15

Science Laboratory and Teaching Supplies	415510-1101-000	Primovert microscope stand with binocular phototube - 4-position objective nosepiece H - specimen stage 200x239 mm with stage insert, metal - binocular phototube 45°/20 (50:50) - eyepieces 10x/20 Br. foc. - transmitted-light illumination with 6V 30W halogen bulb - pinhole diaphragm and allen keys for adjusting phase contrast - external power unit 100...240VAC/50...60Hz with country-specific adapters - dust cover - 6V 30W halogen lamp (spare part)	Carl Zeiss	415510-1101-000	Each	$3,289.18	4.0%	$3,157.61
Science Laboratory and Teaching Supplies	415510-1104-000	Camera 5 MP - Eyepieceless technology with integrated HD	Carl Zeiss	415510-1104-000	Each	$5,727.71	4.0%	$5,498.60
Science Laboratory and Teaching Supplies	415510-1105-000	Microscope Stand Primovert iLED with Epi-Fluorescence 470 nm - 4-position nosepiece H - Specimen stage 200x239 mm with stage insert, metal - Binocular phototube 45°/20 (50:50) - Eyepieces 10x/20 Br. foc. with special eyecups - LED transmitted-light illuminator 3 W, 7000 K (typical) - LED fluorescence illuminator 470 nm with filter set 38 HE - Pinhole diaphragm and allen keys for adjusting phase contrast - External power unit 100...240 V AC / 50...60 Hz with country-specific adapters - Dust cover - Filter slider and yellow filter	Carl Zeiss	415510-1105-000	Each	$7,929.77	4.0%	$7,612.58
Science Laboratory and Teaching Supplies	431030-9000-000	Microscope stand Axio Vert.A1 - 5-position nosepiece, H DIC M27 man. (2x H, 3x H DIC) with 10x29 mm slider mount - carrier transmitted-light illumination for HAL or LED with 2-position filter slider, d=32 mm - manual coarse/fine focus drive - 13 mm focus lift with adjustable focus stop - ergonomic intermediate piece H=50 mm - integrated 12V DC 60W power unit, stabilized, 100...240V AC/50...60Hz/80VA - country-specific power cable	Carl Zeiss	431030-9000-000	Each	$3,375.85	4.0%	$3,240.82
Science Laboratory and Teaching Supplies	431030-9020-000	HD DIC M27 cod. (2x HD, 3x HD DIC) with 6x20 mm slider	Carl Zeiss	431030-9020-000	Each	$5,956.69	4.0%	$5,718.42
Science Laboratory and Teaching Supplies	431030-9040-000	Microscope stand Axio Vert.A1 FL-LED - 5-position nosepiece, H DIC M27 man. (2x H, 3x H DIC) with 10x29 mm slider mount - carrier transmitted-light illumination for HAL or LED with 2-position filter slider, d=32 mm - reflected-light illuminator FL-LED - 4-position mount for LED modules - 4-position reflector turret man. for P&C modules - manual coarse/fine focus drive - 13 mm focus lift with adjustable focus stop - RL/TL switching - ergonomic intermediate piece H=50 mm - integrated 12V DC 60W power unit, stabilized, 100...240V AC/50...60Hz/80VA - country-specific power cable	Carl Zeiss	431030-9040-000	Each	$5,756.60	4.0%	$5,526.34
Science Laboratory and Teaching Supplies	431030-9050-000	Microscope stand Axiovert 5 TL - 6-position nosepiece B DIC M27, encoded with 10x29 mm slider mount - Carrier transmitted-light with integrated white LED 10W (average LED lifetime > 60000 hrs) and 2-position filter slider, d=32 mm - manual coarse/finefocus drive - 13 mm focus lift with adjustable focus stop - snap button for ZEISS Axiocam - ECO mode - Light manager - USB 2.0, Type B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set	Carl Zeiss	431030-9050-000	Each	$3,905.50	4.0%	$3,749.28
Science Laboratory and Teaching Supplies	431030-9060-000	Smart Control Box - 6-position nosepiece B DIC M27,	Carl Zeiss	431030-9060-000	Each	$7,453.62	4.0%	$7,155.48
Science Laboratory and Teaching Supplies	431030-9070-000	Microscope stand Axiovert 5 RL SCB with integrated Smart Control Box - 6-position nosepiece BD DIC M27, encoded with 6x20 mm slider mount - 6-position reflector turret, encoded for P&C modules - 12x35 mm mount for analyzer slider - Reflected-light illumination BD with white LED 10W (average LED lifetime > 60000 hrs), slider mounts for luminous-field diaphragm, aperture stop, polarizer- and filter slider - interface for alternative HAL 100 illuminator - manual coarse/fine focus drive - 13 mm focus lift with adjustable focus stop - snap button for ZEISS Axiocam - ECO mode - Light manager for RL LED - Smart Control Box - for stand-alone operation (without PC) of microscope stand functions with ZEISS Axiocam (105 R2, 202, 208, 305, 705) via On Screen Display and for usage with Labscope (Windows and iOS) - Automatic features for camera control, Image enhancement functions and readout of encoded microscope functions - Provided interfaces: HDMI, USB 3.0 Type-C and Type-A, USB 2.0 Type- A, Ethernet, Micro-D - Wi-Fi compatibility via USB Wi-Fi adapter and router - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable 0.5 m for Axiocam 305 - USB 2.0, Type-B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set	Carl Zeiss	431030-9070-000	Each	$7,213.94	4.0%	$6,925.38

Science Laboratory and Teaching Supplies	431030-9080-000	Microscope stand Axiovert 7 RL with motorized z-drive - 6-position nosepiece BD DIC M27, encoded with 6x20 mm slider mount - 6-position reflector turret, encoded for P&C modules - 12x35 mm mount for analyzer slider - Reflected-light illumination BDwith white LED 10W (average LED lifetime > 60000 hrs), slider mounts for luminous-field diaphragm, aperture stop, polarizer- and filter slider - interface for alternative HAL 100 illuminator - motorized focus drive (resolution 78 nm) - 13 mm focuslift with adjustable focus stop - snap button for ZEISS Axiocam - ECO mode - Light manager for RL LED - Parfocality manager - USB 2.0, Type-B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set	Carl Zeiss	431030-9080-000	Each	$10,123.27	4.0%	$9,718.34
Science Laboratory and Teaching Supplies	431030-9120-000	Control Box - 6-position nosepiece B DIC M27, encoded with	Carl Zeiss	431030-9120-000	Each	$4,751.87	4.0%	$4,561.80
Science Laboratory and Teaching Supplies	431030-9170-000	Microscope stand Axiovert 5 RL TL SCB with integrated Smart Control Box - 6-position nosepiece BD DIC M27, encoded with 6x20 mm slider mount - 6-position reflector turret, encoded for P&C modules - 12x35 mm mount for analyzer slider - Reflected-light illumination BD with white LED 10W (average LED lifetime > 60000 hrs), slider mounts for luminous-field diaphragm, aperture stop, polarizer- and filter slider - interface for alternative reflected-light illuminator HAL 100 - Carrier transmitted-light with integrated white LED 10W (average LED lifetime > 60000 hrs) and 2-position filter slider, d=32 mm - manual coarse/fine focus drive - 13 mm focus lift with adjustable focus stop - TL/RL switching - snap button for ZEISS Axiocam - ECO mode - Light manager for RL and TL LED - Smart Control Box - for stand-alone operation (without PC) of microscope stand functions with ZEISS Axiocam (105 R2, 202, 208, 305, 705) via On Screen Display and for usage with Labscope (Windows and iOS) - Automatic features for camera control, Image enhancement functions and readout of encoded microscope functions - Provided interfaces: HDMI, USB 3.0 Type-C and Type-A, USB 2.0 Type- A, Ethernet, Micro-D - Wi-Fi compatibility via USB Wi-Fi adapter and router - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable 0.5 m for Axiocam 305 - USB 2.0, Type-B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set	Carl Zeiss	431030-9170-000	Each	$8,510.78	4.0%	$8,170.35
Science Laboratory and Teaching Supplies	431030-9180-000	Microscope stand Axiovert 7 RL TL with motorized z-drive - 6-position nosepiece BD DIC M27, encoded with 6x20 mm slider mount - 6-position reflector turret, encoded for P&C modules - 12x35 mm mount for analyzer slider - Reflected-light illumination BD with white LED 10W (average LED lifetime > 60000 hrs), slider mounts for luminous-field diaphragm, aperture stop, polarizer- and filter slider - interface for alternative reflected-light illuminator HAL 100 - Carrier transmitted-light with integrated white LED 10W (average LED lifetime > 60000 hrs) and 2-position filter slider, d=32 mm - motorized focus drive (resolution 78 nm) - 13 mm focus lift with adjustable focus stop - TL/RL switching - snap button for ZEISS Axiocam - ECO mode - Light manager for RL and TL LED - Parfocality manager - USB 2.0, Type-B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set	Carl Zeiss	431030-9180-000	Each	$11,302.41	4.0%	$10,850.31
Science Laboratory and Teaching Supplies	431030-9190-000	Complete stand equipment Axiovert 5 digital with integrated	Carl Zeiss	431030-9190-000	Each	$35,500.46	4.0%	$34,080.44

Science Laboratory and Teaching Supplies	431030-9210-000	Microscope Axiovert 5 digital; integrated color camera Complete stand equipment Axiovert 5 digital with integrated color camera; suitable for transmitted light brightfield, phase contrast Ph1 and fluorescence RGB-UV. Eyepiece-less technology - prepared for tablet and Wi-Fi use. - tablet holder for Apple® and iPad Pro® 4th/5th generation 12.9" or Microsoft Surface Pro 7 (CPU: i5 or above, RAM: 8 GB or above) 12.3", Microsoft Surface Pro 8 (CPU: i5 or above, RAM: 8 GB or above) 13.0", height and angle adjustable - 6-position nosepiece B M27, encoded - 6-position reflector turret,encoded for P&C modules - manual coarse/fine focus drive - 13 mm focus lift with adjustable focus stop - snap button for integrated camera - Carrier transmitted-light illumination with white LED 10W (average LED lifetime > 60000 hrs) and phosphorescence block filter - Light shield to block ambient light - Specimen stage 232x230 with hardcoat anodized surface - Object guide M 130x85 R/L - Mounting frame Flex M and inserts for: microwell plates, flasks and petri dishes d=95 mm; petri dishes d=88 mm, 65 mm, 54 mm, 36 mm; object slides 76x26 mm and chambers (ibidi® µ-Slide®, Nunc® Lab-Tek® / Lab-Tek II) - integrated Illumination System RGB-UV, equipped with 4 solid state LEDs (average LED lifetime depending on wavelength): - Red (625 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes (> 60000 hrs) - Green (565 nm) for excitation of Cy3, TRITC, DsRed and similar dyes (> 60000 hrs) - Blue (470 nm) for excitation of eGFP, Fluo4, FITC and similar dyes (> 60000 hrs) - UV (385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes (> 40000 hrs) - Filter set 90 HE LED with Reflector module FL EC P&C - LD condenser 0.4 with contrast slider for brightfield and phase contrast Ph1 - ObjectiveLD A-Plan 5x/0.15 Ph1 M27 -	Carl Zeiss	431030-9210-000	Each	$35,500.46	4.0%	$34,080.44
Science Laboratory and Teaching Supplies	431030-9550-000	Microscope stand Axiovert 5 TL Module Consists of: - 6-position nosepiece B DIC M27, encoded with 10x29 mm slider mount - Carrier transmitted-light with integrated white LED 10W (average LED lifetime > 60000 hrs) and 2-position filter slider, d=32 mm - manual coarse/finefocus drive - 13 mm focus lift with adjustable focus stop - snap button for ZEISS Axiocam - ECO mode - Light manager - USB 2.0, Type B interface to PC - external power adaptor input: 100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set Includes in addition: 2X Eyepiece PI 10x/23 Br foc 2X Folding Eyecup	Carl Zeiss	431030-9550-000	Each	$4,994.76	4.0%	$4,794.97
Science Laboratory and Teaching Supplies	431030-9560-000	Smart Control Box Consists of: - 6-position nosepiece B DIC	Carl Zeiss	431030-9560-000	Each	$9,353.94	4.0%	$8,979.78
Science Laboratory and Teaching Supplies	431030-9570-000	Microscope stand Axiovert 5 RL SCB with integrated Smart Control Box Consists of: - 6-position nosepiece BD DIC M27, encoded with 6x20 mm slider mount - 6-position reflector turret, encoded for P&C modules - 12x35 mm mount for analyzer slider - Reflected-light illumination BD with white LED 10W (average LED lifetime > 60000 hrs), slider mounts for luminous-field diaphragm, aperture stop, polarizer- and filter slider - interface for alternative HAL 100 illuminator - manual coarse/fine focus drive - 13 mmfocus lift with adjustable focus stop - snap button for ZEISS Axiocam - ECO mode - Light manager for RL LED - Smart Control Box - for stand-alone operation (without PC) of microscope stand functions with ZEISS Axiocam (105 R2, 202, 208, 305, 705) via On Screen Display and for usage with Labscope (Windows and iOS) - Automatic features for camera control, Image enhancement functions and readout of encoded microscope functions - Provided interfaces: HDMI, USB 3.0 Type-C and Type-A, USB 2.0 Type-A, Ethernet, Micro-D - Wi-Fi compatibility via USB Wi-Fi adapter and router - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable 0.5 m for Axiocam 305 - USB 2.0, Type-B interface to PC - external power adaptor input:100-240V AC, 50/60Hz output: 24V DC, 5A - country specific power cable - Dust protection set Includes in addition: 2X Eyepiece PI 10x/23 Br foc 2X Folding Eyecup Illumination adapter A, achromatic, for Axio Vert	Carl Zeiss	431030-9570-000	Each	$8,538.60	4.0%	$8,197.06
Science Laboratory and Teaching Supplies	425146-9020-000	Ergo intermediate piece H=25 mm for optimization of viewing height	Carl Zeiss	425146-9020-000	Each	$175.48	4.0%	$168.46
Science Laboratory and Teaching Supplies	425146-9031-000	interface 60N - Slider mount with 2 clickstop positions	Carl Zeiss	425146-9031-000	Each	$1,240.13	4.0%	$1,190.52

Science Laboratory and Teaching Supplies	425146-9040-000	Ergo intermediate piece H=50 mm for optimization of viewing height	Carl Zeiss	425146-9040-000	Each	$179.76	4.0%	$172.57
Science Laboratory and Teaching Supplies	425146-9051-000	Slider with Mirror 100% for Intermediate Phototube - 2 clickstop positions for 100vis/100doc	Carl Zeiss	425146-9051-000	Each	$295.32	4.0%	$283.51
Science Laboratory and Teaching Supplies	425146-9061-000	clickstop positions for 100vis/50vis:50doc	Carl Zeiss	425146-9061-000	Each	$264.29	4.0%	$253.72
Science Laboratory and Teaching Supplies	425146-9070-000	Slider with Beam Splitter 20/80% for Intermediate Phototube - 2 click stop positions for 100vis/20vis:80doc	Carl Zeiss	425146-9070-000	Each	$301.74	4.0%	$289.67
Science Laboratory and Teaching Supplies	425146-9551-000	Slider with Mirror 100% Module Consisting of: Slider with Mirror 100% for Intermediate Phototube - 2 clickstop positions for 100vis/100doc	Carl Zeiss	425146-9551-000	Each	$295.32	4.0%	$283.51
Science Laboratory and Teaching Supplies	425146-9570-000	Beam Splitter 20/80% for Intermediate Phototube - 2 click	Carl Zeiss	425146-9570-000	Each	$301.74	4.0%	$289.67
Science Laboratory and Teaching Supplies	425146-9651-000	Slider w/beam splitter 50/50 Module Consisting of: Slider with Beam Splitter 50% for Intermediate Phototube - 2 clickstop positions for 100vis/50vis:50doc	Carl Zeiss	425146-9651-000	Each	$264.29	4.0%	$253.72
Science Laboratory and Teaching Supplies	431718-9000-000	Aqua Stop for Axio Vert - Nosepiece cover with drain ring - Objective gaiters (6x small/6x large) - Wide mouth bottle with tubes	Carl Zeiss	431718-9000-000	Each	$694.43	4.0%	$666.65
Science Laboratory and Teaching Supplies	431003-9903-000	nosepiece HD DIC M27 cod. - manual focus drive - fixed 1-	Carl Zeiss	431003-9903-000	Each	$10,158.58	4.0%	$9,752.24
Science Laboratory and Teaching Supplies	431004-9901-000	Microscope stand Axio Observer 3 - 6-position nosepiece, H DIC M27 cod. - manual focus drive - 1-position tube lens mount with 1x tube lens - path deflection to the tube for visual observation - slider mount for PlasDIC and analyzer module - keys for switching TL/RL illumination - light manager - interfaces: 1x USB and 1x CAN - integrated 12V DC 100W power supply, stabilized, 100V-127V and 200V-240VAC / 50-60Hz / max. 300VA - USB cable and country-specific line cable	Carl Zeiss	431004-9901-000	Each	$6,127.89	4.0%	$5,882.77
Science Laboratory and Teaching Supplies	431006-9901-000	Microscope stand Axio Observer 5 - 6-position nosepiece, H DIC M27 cod. - manual focus drive incl. focus stop - z-drive operation, flat; left - 1x tube lens to fit with optional available 1-position tube lens mount or 3-position optovar turret cod. - slider mount for PlasDIC and analyzer module - circular operation key unit right - keys for switching TL/RL illumination - light manager - interfaces: 1x CAN, 2x USB-A, 1x USB-C and 1x TCP/IP - trigger socket (In/Out) for shutter - connecting socket for external UNIBLITZ shutter - integrated 12V DC 100W power supply, stabilized, 100V-127V and 200V-240VAC / 50-60Hz / max. 300VA - USB cable and country-specific line cable	Carl Zeiss	431006-9901-000	Each	$8,959.11	4.0%	$8,600.75
Science Laboratory and Teaching Supplies	431007-9902-000	Axio Observer.Z1 basic stand incl. motorized focus drive (min. step width 10 nm), TFT touchscreen, 1x tube lens to fit with fixed 1-position tube lens mount or 3-position optovar turret mot., keys for switching TL/RL illumination, circular operation key unit right and left, light- and contrast manager, interfaces 4x CAN, RS 232, USB and TCP/IP, trigger socket (In/Out) for shutter, connecting socket for external UNIBLITZ shutter, external power supply 12V DC 100W, stabilized, 100V...240V AC/ 50...60Hz/230VA, USB cable and country-specific line cable	Carl Zeiss	431007-9902-000	Each	$19,784.30	4.0%	$18,992.93
Science Laboratory and Teaching Supplies	431007-9904-000	Microscope stand Axio Observer 7 - motorized focus drive (min. step width 10 nm) - prepared for motorized beam path deflection - with optional support of laser based applications - TFT touchscreen - 1x tube lens to fit with optional available 1-position tube lens mount or 3-position optovar turret mot. - circular operation key unit right and left - keys for switching TL/RL illumination - light- and contrast manager - interfaces: 4x CAN, 2x USB-A, 1x USB-C and 1x TCP/IP - trigger socket (In/Out) for shutter - connecting socket for external UNIBLITZ shutter - external power supply 12V DC 100W, stabilized, 100V-240VAC / 50-60Hz / max. 190VA - USB cable and country-specific line cable	Carl Zeiss	431007-9904-000	Each	$17,997.40	4.0%	$17,277.50

Science Laboratory and Teaching Supplies	431008-9903-000	Microscope stand Axio Observer 5 materials - 6-position nosepiece, HD DIC M27 cod. - manual focus drive - 1x tube lens to fit with optional available 1-position tube lens mount or 3-position optovar turret cod. - focus stop - z-drive operation, flat; left - keys for switching TL/RL illumination - circular operation key unit right - light manager - slider mount 6x30 for Polarizer slider, 90° rotatable - slider mount 6x20 for sliders C-DIC and TIC - interfaces CAN, 2x USB-A, 1x USB-C and TCP/IP - trigger socket (In/Out) for shutter - connecting socket for external UNIBLITZ shutter - integrated 12V DC 100W power supply, stabilized, 100V-127V and 200V-240VAC / 50-60Hz / max. 300VA - USB cable and country-specific line cable	Carl Zeiss	431008-9903-000	Each	$11,417.97	4.0%	$10,961.25
Science Laboratory and Teaching Supplies	431009-9904-000	Microscope stand Axio Observer 7 materials - 6-position objective nosepiece, HD DIC M27 mot. ACR - motorized focus drive (min. step width 10 nm) - prepared for motorized beam path deflection - TFT touchscreen - 1x tube lens to fit with optional available 1-position tube lens mount or 3-position optovar turret mot. - keys for switching TL/RL illumination - circular operation key unit right and left - light- and contrast manager - slider mount 6x30 for Polarizer slider, 90° rotatable - slider mount 6x20 for sliders C-DIC and TIC - interfaces 4x CAN, 2x USB-A, 1x USB-C and TCP/IP - trigger socket (In/Out) for shutter - connecting socket for external UNIBLITZ shutter - external power supply 12V DC 100W, stabilized, 100V-240VAC / 50-60Hz / max. 190VA - USB cable and country-specific line cable	Carl Zeiss	431009-9904-000	Each	$21,742.40	4.0%	$20,872.70
Science Laboratory and Teaching Supplies	000000-1069-227	Path deflection to the tube for visual observation	Carl Zeiss	000000-1069-227	Each	$302.81	4.0%	$290.70
Science Laboratory and Teaching Supplies	000000-1069-228	Beam path switching between visual observation or frontport or baseport	Carl Zeiss	000000-1069-228	Each	$2,722.08	4.0%	$2,613.20
Science Laboratory and Teaching Supplies	000000-1069-229	Beam path switching mot between visual observation or frontport or baseport	Carl Zeiss	000000-1069-229	Each	$4,994.76	4.0%	$4,794.97
Science Laboratory and Teaching Supplies	000000-1754-660	Anti-vibration plate, rectangular 460mmx610mm (D) suitable for total weight 50 - 105 lbs, e. g. for VivaTome or Cell Observer SD	Carl Zeiss	000000-1754-660	Each	$5,281.52	4.0%	$5,070.26
Science Laboratory and Teaching Supplies	400102-9760-000	LSM 900 adapter kit Celldiscoverer 7 necessary for coupling of LSM 900 GaAsP detection module or LSM 900 MA detection module to the Celldiscoverer 7 system unit	Carl Zeiss	400102-9760-000	Each	$10,789.88	4.0%	$10,358.28
Science Laboratory and Teaching Supplies	425126-0000-000	Baseport 60N	Carl Zeiss	425126-0000-000	Each	$1,269.02	4.0%	$1,218.26
Science Laboratory and Teaching Supplies	425150-0000-000	Sideport 60N L, 2 switching positions for basic stands Axio Observer 3 / 5 / A1 / D1 (100% vis : 0% L / 20% vis : 80% L)	Carl Zeiss	425150-0000-000	Each	$590.64	4.0%	$567.01
Science Laboratory and Teaching Supplies	425151-0000-000	Sideport 60N L 100, 2 switching positions for basic stands Axio Observer 3 / 5 / A1 / D1 (100% vis : 0% L / 0% vis : 100% L)	Carl Zeiss	425151-0000-000	Each	$588.50	4.0%	$564.96
Science Laboratory and Teaching Supplies	425152-0000-000	Sideport 60N L, 3 switching positions (100% vis : 0% L / 0% vis : 100% L / 50% vis : 50% L)	Carl Zeiss	425152-0000-000	Each	$1,277.58	4.0%	$1,226.48
Science Laboratory and Teaching Supplies	425153-0000-000	Sideport 60N R, 3 switching positions (100% vis : 0% R / 0% vis : 100% R / 50% vis : 50% R)	Carl Zeiss	425153-0000-000	Each	$2,465.28	4.0%	$2,366.67
Science Laboratory and Teaching Supplies	425154-0000-000	Sideport 60N L/R, 3 switching positions (100% vis : 0% LR / 0% vis : 100% L / 20% vis : 80% R)	Carl Zeiss	425154-0000-000	Each	$3,565.24	4.0%	$3,422.63
Science Laboratory and Teaching Supplies	425155-0000-000	Sideport 60N L/R 100, 3 switching positions (100% vis : 0% LR / 0% vis : 100% L / 0% vis : 100% R)	Carl Zeiss	425155-0000-000	Each	$2,346.51	4.0%	$2,252.65
Science Laboratory and Teaching Supplies	425165-0000-000	Sideport 60N L 80/R 100, 3 switching positions (100% vis : 0% LR / 20% vis : 80% L / 0% vis : 100% R)	Carl Zeiss	425165-0000-000	Each	$3,234.61	4.0%	$3,105.23
Science Laboratory and Teaching Supplies	431007-9000-000	Anti vibration set Axio Observer (D) Comprising: 2 supporting plates, fitted with 2 vibration dampers (each), for the fixed mounting at the bottom of the Axio Observer stand	Carl Zeiss	431007-9000-000	Each	$1,978.43	4.0%	$1,899.29
Science Laboratory and Teaching Supplies	431010-0000-000	1-position tube lens mount, fixed	Carl Zeiss	431010-0000-000	Each	$291.04	4.0%	$279.40
Science Laboratory and Teaching Supplies	431012-0000-000	3-position Optovar turret cod.	Carl Zeiss	431012-0000-000	Each	$452.61	4.0%	$434.51
Science Laboratory and Teaching Supplies	431013-0000-000	3-position Optovar turret mot.	Carl Zeiss	431013-0000-000	Each	$814.27	4.0%	$781.70
Science Laboratory and Teaching Supplies	431017-0000-000	Z-drive, 13 mm travel, man. extended travel range from 10 to 13 mm	Carl Zeiss	431017-0000-000	Each	$742.58	4.0%	$712.88
Science Laboratory and Teaching Supplies	431018-0000-000	Z-drive, 13 mm travel, mot. extended travel range from 10 to 13 mm	Carl Zeiss	431018-0000-000	Each	$981.19	4.0%	$941.94
Science Laboratory and Teaching Supplies	431716-0000-000	Aqua Stop II for Axio Observer, Axiovert 5 and Axiovert 200	Carl Zeiss	431716-0000-000	Each	$830.32	4.0%	$797.11
Science Laboratory and Teaching Supplies	431717-9000-000	Aqua Stop for condensers LD 0.8, 0.9 and 1.2 Flexible cover protecting from overflowing liquids in the area of the condenser front lens	Carl Zeiss	431717-9000-000	Each	$114.49	4.0%	$109.91

Science Laboratory and Teaching Supplies	424516-9000-000	1-position objective mount M27, DIC; Axio Examiner objective mount changeable by customer - objective mount M27 - mount for DIC slider for objectives with 75 mm parfocal length - 22 mm objective lifting range	Carl Zeiss	424516-9000-000	Each	$1,881.06	4.0%	$1,805.82
Science Laboratory and Teaching Supplies	424516-9011-000	2-position objective turret M27, DIC; Axio Examiner objective turret changeable by customer - 2 objective mounts M27, 1x XYZ adjustable - 1 mount for DIC slider for objectives with 75 mm parfocal length - 22 mm objective lifting range	Carl Zeiss	424516-9011-000	Each	$2,350.79	4.0%	$2,256.76
Science Laboratory and Teaching Supplies	424516-9060-000	4-position objective turret M27, DIC; Axio Examiner objective turret changeable by customer - 4 objective mounts M27, 3x XYZ adjustable - 1 mount for DIC slider for objectives with 75 mm parfocal length - 22 mm objective lifting range	Carl Zeiss	424516-9060-000	Each	$3,291.32	4.0%	$3,159.67
Science Laboratory and Teaching Supplies	424516-9100-000	1-position objective mount M32; Axio Examiner objective mount changeable by customer - objective mount M32 - 22 mm objective lifting range - Adapter M32x0.75 / M27x0.75 - mount for DIC prism for objectives with 75 mm parfocal length	Carl Zeiss	424516-9100-000	Each	$2,734.92	4.0%	$2,625.52
Science Laboratory and Teaching Supplies	424501-0000-000	7-position objective nosepiece, HD M27 cod.	Carl Zeiss	424501-0000-000	Each	$1,123.50	4.0%	$1,078.56
Science Laboratory and Teaching Supplies	424503-0000-000	6-position objective nosepiece, Pol HD M27 cod. 5 centerable HD M27 positions and 1 fixed HD DIC M27 position	Carl Zeiss	424503-0000-000	Each	$3,669.03	4.0%	$3,522.27
Science Laboratory and Teaching Supplies	424504-0000-000	6-position objective nosepiece, HD DIC M27 cod.	Carl Zeiss	424504-0000-000	Each	$2,043.70	4.0%	$1,961.95
Science Laboratory and Teaching Supplies	424514-9020-000	6-position objective nosepiece, Pol M27 cod. for Axio Imager Vario 5 centerable HD M27 positions and 1 fixed HD DIC M27 position	Carl Zeiss	424514-9020-000	Each	$3,527.79	4.0%	$3,386.68
Science Laboratory and Teaching Supplies	424514-9030-000	6-position objective nosepiece HD DIC M27 cod. for Axio Imager Vario	Carl Zeiss	424514-9030-000	Each	$3,216.42	4.0%	$3,087.76
Science Laboratory and Teaching Supplies	424516-9021-000	2-position objective turret M27, DIC cod.; Axio Examiner objective turret changeable by customer - 2 objective mounts M27, 1x XYZ adjustable - 1 mount for DIC slider for objectives with 75 mm parfocal length - 22 mm objective lifting range - position coding via Hall sensors	Carl Zeiss	424516-9021-000	Each	$3,291.32	4.0%	$3,159.67
Science Laboratory and Teaching Supplies	424516-9030-000	4-position objective turret M27, DIC cod.; Axio Examiner objective turret changeable by customer - 4 objective mounts M27, 3x XYZ adjustable - 1 mount for DIC slider for objectives with 75 mm parfocal length - 22 mm objective lifting range - position coding via Hall sensors	Carl Zeiss	424516-9030-000	Each	$3,604.83	4.0%	$3,460.64
Science Laboratory and Teaching Supplies	424502-0000-000	7-position objective nosepiece, HD M27 mot.	Carl Zeiss	424502-0000-000	Each	$1,947.40	4.0%	$1,869.50
Science Laboratory and Teaching Supplies	424505-0000-000	6-position objective nosepiece, HD DIC M27 mot.	Carl Zeiss	424505-0000-000	Each	$2,936.08	4.0%	$2,818.64
Science Laboratory and Teaching Supplies	424507-0000-000	6-position objective nosepiece, HD DIC M27 mot. ACR with automatic objective recognition	Carl Zeiss	424507-0000-000	Each	$3,192.88	4.0%	$3,065.16
Science Laboratory and Teaching Supplies	424514-9010-000	6-position objective nosepiece HD DIC M27 mot. for Axio Imager Vario	Carl Zeiss	424514-9010-000	Each	$4,949.82	4.0%	$4,751.83
Science Laboratory and Teaching Supplies	424514-9040-000	Nosepiece 7-position HD M27 mot. for Axio Imager.Z2 Vario with particle protection to ensure the clean room suitability of the microscope body according to ISO class 5	Carl Zeiss	424514-9040-000	Each	$5,811.17	4.0%	$5,578.72
Science Laboratory and Teaching Supplies	424527-0000-000	6-position objective nosepiece, H DIC M27 mot.	Carl Zeiss	424527-0000-000	Each	$3,192.88	4.0%	$3,065.16
Science Laboratory and Teaching Supplies	424528-0000-000	6-position objective nosepiece, H DIC M27 mot. ACR	Carl Zeiss	424528-0000-000	Each	$5,265.47	4.0%	$5,054.85
Science Laboratory and Teaching Supplies	424533-9013-000	Definite Focus.2 upgrade incl. nosepiece mot. ACR for Axio Observer 7 / Z1 Consisting of: - Sensor Module Definite Focus.2 - Focus Controller.2 - 6-position objective nosepiece Definite Focus H DIC M27 mot. ACR - slider mount for beam combiner module - attenuation filter BG 39, tilted, for LD condenser 0.55 - Connecting cable and CAN cable	Carl Zeiss	424533-9013-000	Each	$27,454.06	4.0%	$26,355.90
Science Laboratory and Teaching Supplies	424533-9022-000	Beam Combiner Module UV/VIS for Definite Focus or all applications that require a transmission range between 320nm and 800nm.	Carl Zeiss	424533-9022-000	Each	$2,150.70	4.0%	$2,064.67
Science Laboratory and Teaching Supplies	424533-9041-000	Compensation module Definite Focus for the optical adaptation in case no beam combiner of the Definite Focus module is present in the beam path.	Carl Zeiss	424533-9041-000	Each	$1,022.92	4.0%	$982.00
Science Laboratory and Teaching Supplies	424533-9111-000	Definite Focus 3 incl. 6-position nosepiece H DIC M27 mot. ACR for Axio Observer 7 Consisting of: - sensor module Definite Focus 3 - Focus Controller 3 - slider mount for beam combiner module - attenuation filter BG 39, tilted, for LD condenser 0.55 - connecting cable and CAN cable	Carl Zeiss	424533-9111-000	Each	$18,356.92	4.0%	$17,622.64

Science Laboratory and Teaching Supplies	424533-9121-000	Definite Focus 3 upgrade incl. nosepiece mot. ACR for Axio Observer 7 Consisting of: - Sensor Module Definite Focus 3 - Focus Controller 3 - 6-position nosepiece Definite Focus H DIC M27 mot. ACR - slider mount for beam combiner module - attenuation filter BG 39, tilted, for LD condenser 0.55 - Connecting cable and CAN cable	Carl Zeiss	424533-9121-000	Each	$19,556.39	4.0%	$18,774.13
Science Laboratory and Teaching Supplies	430701-9901-000	Reflected-light stage carrier, detachable for Axio Imager suitable for sample heights from 0 mm up to 63 mm	Carl Zeiss	430701-9901-000	Each	$429.07	4.0%	$411.91
Science Laboratory and Teaching Supplies	430704-9901-000	Transmitted-light/reflected-light stage carrier, detachable for Axio Imager suitable for sample heights from 0 mm up to 45 mm	Carl Zeiss	430704-9901-000	Each	$1,672.41	4.0%	$1,605.51
Science Laboratory and Teaching Supplies	430706-0000-000	Dovetail for attachable stage carrier	Carl Zeiss	430706-0000-000	Each	$429.07	4.0%	$411.91
Science Laboratory and Teaching Supplies	430707-0000-000	Stage carrier, detachable with condenser carrier for Axio Imager suitable for sample heights from 0 mm up to 25 mm	Carl Zeiss	430707-0000-000	Each	$2,286.59	4.0%	$2,195.13
Science Laboratory and Teaching Supplies	430709-9000-000	Universal transm./refl.-light stage carrier for Axio Imager Vario for - Scanning stages 130x85; PIEZO - Scanning stages 225x85; PIEZO - Mechanical stages 75x50 mot; CAN - Mechanical stages 75x50 mot standard; CAN - Scanning stages 130x85 with DC drive - Scanning stages 130x85 STEP - Mechanical stages 105x105 (85) RL(TL) - Mechanical stages 105x105 (85) RL(TL) SCD	Carl Zeiss	430709-9000-000	Each	$1,537.59	4.0%	$1,476.09
Science Laboratory and Teaching Supplies	430710-9001-000	Stage carrier D/A; attachable and vertically adjustable for Axioscope, to accommodate screw-on stages	Carl Zeiss	430710-9001-000	Each	$271.78	4.0%	$260.91
Science Laboratory and Teaching Supplies	430710-9011-000	Stage carrier TL/RL; attachable and vertically adjustable for Axioscope, to accommodate screw-on and rotary stages with dovetail mount	Carl Zeiss	430710-9011-000	Each	$380.92	4.0%	$365.68
Science Laboratory and Teaching Supplies	430710-9401-000	Stage carrier, detachable, Module Consisting of: -Stage carrier D/A; attachable and vertically adjustable for Axioscope, to accommodate screw-on stages -Condenser carrier with vertical adjustment on both sides for use with attachable Axio Scope stage carriers, adjustable height stop	Carl Zeiss	430710-9401-000	Each	$697.64	4.0%	$669.73
Science Laboratory and Teaching Supplies	430711-9000-000	Stage carrier Axio Examiner, attachable, with support	Carl Zeiss	430711-9000-000	Each	$827.11	4.0%	$794.03
Science Laboratory and Teaching Supplies	430711-9030-000	Stage carrier Axio Examiner, attachable, without support for use with scanning stages	Carl Zeiss	430711-9030-000	Each	$292.11	4.0%	$280.43
Science Laboratory and Teaching Supplies	451016-9902-000	Stage carrier H=140 mm for base plate Axio Scope Vario	Carl Zeiss	451016-9902-000	Each	$1,359.97	4.0%	$1,305.57
Science Laboratory and Teaching Supplies	430705-0000-000	Condenser carrier with vertical adjustment on both sides for use with attachable stage carrier, adjustable height stop	Carl Zeiss	430705-0000-000	Each	$1,977.36	4.0%	$1,898.27
Science Laboratory and Teaching Supplies	430720-9001-000	Condenser carrier with vertical adjustment on both sides for use with attachable Axio Scope stage carriers, adjustable height stop	Carl Zeiss	430720-9001-000	Each	$425.86	4.0%	$408.83
Science Laboratory and Teaching Supplies	430720-9002-000	Condenser carrier with vertical adjustment on both sides for use with attachable Axiolab stage carriers, adjustable height stop, centering screws are not integrated on the condenser carrier	Carl Zeiss	430720-9002-000	Each	$368.08	4.0%	$353.36
Science Laboratory and Teaching Supplies	430721-9000-000	Condenser carrier Axio Examiner	Carl Zeiss	430721-9000-000	Each	$1,116.01	4.0%	$1,071.37
Science Laboratory and Teaching Supplies	430721-9011-000	Condenser carrier Axio Examiner, mot. focus - 2 µm increments - 4.5 mm focus lifting range - optional manual operation	Carl Zeiss	430721-9011-000	Each	$2,226.67	4.0%	$2,137.60
Science Laboratory and Teaching Supplies	428305-0000-000	Color filter carrier 3x for filter d=32 mm	Carl Zeiss	428305-0000-000	Each	$177.62	4.0%	$170.52
Science Laboratory and Teaching Supplies	451834-0000-000	Color filter carrier	Carl Zeiss	451834-0000-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	423647-0000-000	FL attenuator, discrete Insert for the aperture stop plane of reflected-light illuminators. Filter wheel with 6 positions. Pos. 1: clear aperture. Pos. 2-6: transmission appr. 70, 50, 40, 20 and 2%.	Carl Zeiss	423647-0000-000	Each	$946.95	4.0%	$909.07
Science Laboratory and Teaching Supplies	423730-9130-000	Slider 14x40 FL attenuator, discrete For insert into the aperture stop plane of reflected-light illuminator. Filter wheel with 6 positions. Pos. 1: clear aperture. Pos. 2-6: transmission appr. 70, 50, 40, 20 and 2%.	Carl Zeiss	423730-9130-000	Each	$575.66	4.0%	$552.63
Science Laboratory and Teaching Supplies	428300-9901-000	Double filter wheel, discrete, man., 2x4 positions each to accept neutral-density filter set and dia. 25 mm color filters. For use in transmitted-light and reflected-light equipment mot. and man.	Carl Zeiss	428300-9901-000	Each	$726.53	4.0%	$697.47
Science Laboratory and Teaching Supplies	428319-9000-000	Double filter wheel, discrete, man. with neutral-density filter set d=25 with 2x4 postions, attenuation up to 0,0028 % possible. For use in transmitted-light and reflected-light equipments mot. and man. Not usable for HBO/XBO	Carl Zeiss	428319-9000-000	Each	$1,159.88	4.0%	$1,113.48
Science Laboratory and Teaching Supplies	423648-0000-000	FL attenuator, discrete mot. Motorized insert for the aperture stop plane of reflected-light illuminators. Filter wheel with 6 positions. Pos. 1: clear aperture. Pos. 2-6: transmission appr. 70, 50, 40, 20 and 2%.	Carl Zeiss	423648-0000-000	Each	$1,809.37	4.0%	$1,737.00

Science Laboratory and Teaching Supplies	428301-9901-000	Double filter wheel, discrete, mot., 2x4 positions each to accept neutral-density filter set and dia. 25 mm color filters. For use in transmitted-light and reflected-light equipments mot.	Carl Zeiss	428301-9901-000	Each	$2,619.36	4.0%	$2,514.59
Science Laboratory and Teaching Supplies	452358-9000-000	Filter wheel excitation 8-pos. mot. for filters d=25mm; CAN for Axio Observer.Z1 and Axio Observer 7. - usage on lamp port - mount for up to 8 filters with d=25 mm - filter thickness max. 4 mm - switching time of < 70 ms for adjacent filters - usage connected with CAN distributor (available separately) - incl. Power supply 100-240V / 50-60Hz / max. 1.4 A; 24V DC / max. 2.5 A with country specific plug	Carl Zeiss	452358-9000-000	Each	$3,878.75	4.0%	$3,723.60
Science Laboratory and Teaching Supplies	452358-9011-000	Dual filter wheel mot. for beam splitting and emission; CAN with mount for 6x beam splitter and 8x emission filter for use instead of the reflector turret on Axio Observer.Z1 and Axio Observer 7. - usage connected with with CAN distributor (available separately) - incl. Power supply 100-240V / 50-60 Hz / max. 1.4 A; 24V DC / max. 2.5 A with country specific plug Beam splitter filter wheel: - mount for up to 6 beam splitters 36 x 26 mm - switching time of < 300 ms for adjacent filters Emission filter wheel: - mount for up to 8 filters with d=25 mm - filter thickness max. 4 mm - switching time of < 60 ms for adjacent filters	Carl Zeiss	452358-9011-000	Each	$6,558.03	4.0%	$6,295.71
Science Laboratory and Teaching Supplies	000000-1062-259	3-position filter slider, d=25 mm for FL incident-light equipment for Axiovert 200	Carl Zeiss	000000-1062-259	Each	$384.13	4.0%	$368.76
Science Laboratory and Teaching Supplies	415510-1800-000	2-position filter slider for filters d=45 mm	Carl Zeiss	415510-1800-000	Each	$132.68	4.0%	$127.37
Science Laboratory and Teaching Supplies	423730-9080-000	Filter slider A 14x40 mm, 3 positions for filter diameter 25 mm for reflected light with shutter function	Carl Zeiss	423730-9080-000	Each	$192.60	4.0%	$184.90
Science Laboratory and Teaching Supplies	423730-9580-000	FilterSliderA 3x f/filter25mm14x40Module Consisting of: Filter slider A 14x40 mm, 3 positions for filter diameter 25 mm for reflected light with shutter function	Carl Zeiss	423730-9580-000	Each	$192.60	4.0%	$184.90
Science Laboratory and Teaching Supplies	423733-9011-000	Filter slider 6x30 2x d=25mm, undetachably	Carl Zeiss	423733-9011-000	Each	$177.62	4.0%	$170.52
Science Laboratory and Teaching Supplies	423910-9000-000	Filter slider D 14x40 mm, 2 positions for filter diameter 36 mm for transmitted light	Carl Zeiss	423910-9000-000	Each	$115.56	4.0%	$110.94
Science Laboratory and Teaching Supplies	426143-9100-000	Filter module 2-position Duolink with two slots for standard filter sets. - 2x for beam splitter 26 mm x 36 mm, max. thickness 1 mm - 4x for filters d=25 mm, max. thickness 5 mm	Carl Zeiss	426143-9100-000	Each	$867.77	4.0%	$833.06
Science Laboratory and Teaching Supplies	426143-9110-000	Filter module wl CFP/YFP Duolink consisting of Filter module 2-position Duolink and filter set 78 HE wl CFP+YFP, mounted and adjusted in position 1. For excitation with white light sources. EX DBP 445/25+510/15 for CFP and YFP main beam splitter DFT 460+520 secondary beam splitter FT 510 EM BP 480/22 and EM LP 530	Carl Zeiss	426143-9110-000	Each	$6,471.36	4.0%	$6,212.51
Science Laboratory and Teaching Supplies	426143-9120-000	Filter module ms CFP/YFP Duolink consisting of Filter module 2-position Duolink and filter set 78 HE ms CFP+YFP, mounted and adjusted in position 1. For excitation with multi spectral light sources. EX BP 445/25 for CFP EX BP 510/15 for YFP main beam splitter DFT 460+520 secondary beam splitter FT 510 EM BP 480/22 and EM LP 530	Carl Zeiss	426143-9120-000	Each	$6,472.43	4.0%	$6,213.53
Science Laboratory and Teaching Supplies	426143-9130-000	Filter module wl GFP/mRFP Duolink consisting of Filter module 2-position Duolink and filter set 79 HE wl GFP+mRFP, mounted and adjusted in position 1. For excitation with white light sources. EX DBP 470/27+556/25 for GFP and mRFP main beam splitter DFT 490+575 secondary beam splitter FT 565 EM BP 512/30 and EM BP 630/98	Carl Zeiss	426143-9130-000	Each	$6,472.43	4.0%	$6,213.53
Science Laboratory and Teaching Supplies	426143-9140-000	Filter module ms GFP/mRFP Duolink consisting of Filter module 2-position Duolink and filter set 79 HE ms GFP+mRFP, mounted and adjusted in position 1. For excitation with multi spectral light sources. EX BP 470/27 for GFP EX BP 556/25 for mRFP main beam splitter DFT 490+575 secondary beam splitter FT 565 EM BP 512/30 and EM BP 630/98	Carl Zeiss	426143-9140-000	Each	$6,472.43	4.0%	$6,213.53
Science Laboratory and Teaching Supplies	428307-9000-000	Filter slider A 14x40 mm, 2 positions for filter diameter 25 mm for reflected light with shutter function	Carl Zeiss	428307-9000-000	Each	$160.50	4.0%	$154.08
Science Laboratory and Teaching Supplies	423731-9170-000	Reflector turret 5x man. P&C, transmitted light for upper microscope parts D1/Z1	Carl Zeiss	423731-9170-000	Each	$1,178.07	4.0%	$1,130.95
Science Laboratory and Teaching Supplies	424940-9000-000	Reflector turret 6x man., changeable, for P&C modules	Carl Zeiss	424940-9000-000	Each	$1,141.69	4.0%	$1,096.02
Science Laboratory and Teaching Supplies	424940-9001-000	Reflector turret 6x encoded, changeable, for P&C modules	Carl Zeiss	424940-9001-000	Each	$1,177.00	4.0%	$1,129.92
Science Laboratory and Teaching Supplies	424940-9060-000	Reflector turret 4x man., changeable, for P&C modules	Carl Zeiss	424940-9060-000	Each	$1,057.16	4.0%	$1,014.87

Science Laboratory and Teaching Supplies	424940-9061-000	Reflector turret 4x encoded, changeable, for P & C modules	Carl Zeiss	424940-9061-000	Each	$869.91	4.0%	$835.11
Science Laboratory and Teaching Supplies	424940-9461-000	Reflector turret 4x encoded, changeable, Module - for P & C modules	Carl Zeiss	424940-9461-000	Each	$869.91	4.0%	$835.11
Science Laboratory and Teaching Supplies	424945-0000-000	6-position reflector turret man. for P&C modules reflector modules exchangable without removal of reflector turret	Carl Zeiss	424945-0000-000	Each	$988.68	4.0%	$949.13
Science Laboratory and Teaching Supplies	424906-0000-000	6-position reflector turret man. cod. for P&C modules	Carl Zeiss	424906-0000-000	Each	$1,130.99	4.0%	$1,085.75
Science Laboratory and Teaching Supplies	424946-0000-000	6-position reflector turret cod. for P&C modules reflector modules exchangable without removal of reflector turret	Carl Zeiss	424946-0000-000	Each	$1,236.92	4.0%	$1,187.44
Science Laboratory and Teaching Supplies	424907-0000-000	6-position reflector turret mot. for P&C modules	Carl Zeiss	424907-0000-000	Each	$3,023.82	4.0%	$2,902.87
Science Laboratory and Teaching Supplies	424912-0000-000	6-position reflector turret mot. ACR, for P&C modules with automatic filter set and contrast module recognition	Carl Zeiss	424912-0000-000	Each	$4,315.31	4.0%	$4,142.70
Science Laboratory and Teaching Supplies	424913-0000-000	10-position reflector turret mot. ACR, for P&C modules with automatic filter set and contrast module recognition	Carl Zeiss	424913-0000-000	Each	$3,383.34	4.0%	$3,248.01
Science Laboratory and Teaching Supplies	424916-9000-000	6-position reflector turret mot. Axio Imager Vario for P&C modules	Carl Zeiss	424916-9000-000	Each	$2,772.37	4.0%	$2,661.48
Science Laboratory and Teaching Supplies	424916-9010-000	6-position reflector turret mot. ACR Axio Imager Vario for P&C modules with automatic filter set and contrast module recognition	Carl Zeiss	424916-9010-000	Each	$3,662.61	4.0%	$3,516.11
Science Laboratory and Teaching Supplies	424947-0000-000	6-position reflector turret mot. for P&C modules reflector modules exchangable without removal of reflector turret	Carl Zeiss	424947-0000-000	Each	$3,208.93	4.0%	$3,080.57
Science Laboratory and Teaching Supplies	424948-0000-000	6-position reflector turret mot. ACR for P&C modules reflector modules exchangable without removal of reflector turret	Carl Zeiss	424948-0000-000	Each	$3,452.89	4.0%	$3,314.77
Science Laboratory and Teaching Supplies	000000-1068-113	Protection filter for reflector turret	Carl Zeiss	000000-1068-113	Each	$158.36	4.0%	$152.03
Science Laboratory and Teaching Supplies	000000-2202-526	Foot plate for Axioscope 5 using HAL100	Carl Zeiss	000000-2202-526	Each	$231.12	4.0%	$221.88
Science Laboratory and Teaching Supplies	423632-0000-000	Diffusion disk for reflected-light illumination, switchable	Carl Zeiss	423632-0000-000	Each	$180.83	4.0%	$173.60
Science Laboratory and Teaching Supplies	423731-9131-000	Slider for sideport Axio Examiner with 100% mirror 46x34mm	Carl Zeiss	423731-9131-000	Each	$464.38	4.0%	$445.80
Science Laboratory and Teaching Supplies	423731-9140-000	Slider for sideport Axio Examiner for beam splitter 46x34mm	Carl Zeiss	423731-9140-000	Each	$392.69	4.0%	$376.98
Science Laboratory and Teaching Supplies	424514-9000-000	6-position objective nosepiece, Pol M27 mot. for Axio Imager Vario 5 centerable HD M27 positions and 1 fixed HD DIC M27 position	Carl Zeiss	424514-9000-000	Each	$5,356.42	4.0%	$5,142.16
Science Laboratory and Teaching Supplies	430000-9041-000	TFT-monitor for Axio Imager.M2p	Carl Zeiss	430000-9041-000	Each	$1,125.64	4.0%	$1,080.61
Science Laboratory and Teaching Supplies	430025-9100-000	Breath and sneeze guard made of plexiglas 380x180 f. Axio Imager Vario to protect the sample from particles from the exhaled breath	Carl Zeiss	430025-9100-000	Each	$298.53	4.0%	$286.59
Science Laboratory and Teaching Supplies	430030-9100-000	Adapter for expansion of specimen area by 30 mm Insert between upper and lower part of the Axio Scope and Axio Examiner microscopes. Expansion to max. sample height of altogether 79 mm (109 mm, if upper microscope parts Axio Examiner.A1 are used)	Carl Zeiss	430030-9100-000	Each	$257.87	4.0%	$247.56
Science Laboratory and Teaching Supplies	430030-9111-000	Adapter for expansion of specimen area by 60 mm Insert between upper and lower part of the Axioscope. Expansion to max. sample height of altogether 110 mm.	Carl Zeiss	430030-9111-000	Each	$430.14	4.0%	$412.93
Science Laboratory and Teaching Supplies	430702-9901-000	Holder for Focus Linear Sensor to Axio Imager.Z2	Carl Zeiss	430702-9901-000	Each	$350.96	4.0%	$336.92
Science Laboratory and Teaching Supplies	432610-9071-000	External Control-Box for Axio Imager.Z2 Vario with 12V DC 100W power unit, stabilized, 100...127/200...240V AC autorange 50...60Hz/168VA, country-specific line cable and USB cable	Carl Zeiss	432610-9071-000	Each	$5,248.35	4.0%	$5,038.42
Science Laboratory and Teaching Supplies	432610-9080-000	Controler cable 2 m for Axio Imager Vario to the connection of the control-box with microscope module	Carl Zeiss	432610-9080-000	Each	$251.45	4.0%	$241.39
Science Laboratory and Teaching Supplies	432610-9090-000	Controler cable 6 m for Axio Imager Vario to the connection of the control-box with microscope module	Carl Zeiss	432610-9090-000	Each	$314.58	4.0%	$302.00
Science Laboratory and Teaching Supplies	432906-0000-000	Coaxial transmitter MARC for Axio coaxial coarse-/fine focusing controls and 5 keys; incl. connection cable 3 m to Control-Box	Carl Zeiss	432906-0000-000	Each	$1,342.85	4.0%	$1,289.14
Science Laboratory and Teaching Supplies	432907-9901-000	Docking station for TFT-Display upgrading module for the TFT-Display of motorized stands Axio Imager and Axio Observer - free positioning on desktop - Control of z-drive and circular operation key unit - mechanical interface to attach Electronic Coaxial Drive - TFT-Display 30°-45° tiltable	Carl Zeiss	432907-9901-000	Each	$1,277.58	4.0%	$1,226.48
Science Laboratory and Teaching Supplies	432923-0000-000	Holder with LCD display and Light Manager LCD display, four lines for display of nosepiece position, objective magnification, contrasting technique, reflector turret assignment, optovar factor, scale of intermediate image and lamp brightness	Carl Zeiss	432923-0000-000	Each	$898.80	4.0%	$862.85

Science Laboratory and Teaching Supplies	432926-9001-000	Docking station with TFT display for Axio Examiner/Axio Imager Vario Control module with TFT display, coaxial coarse/fine focusing knobs and freely programmable buttons for the control of motorized Axio Examiner and Axio Imager.Z2 Vario components. Positioning on the desk as required. 30°-45° tilt adjustment of the TFT display	Carl Zeiss	432926-9001-000	Each	$2,939.29	4.0%	$2,821.72
Science Laboratory and Teaching Supplies	435604-9010-000	Table-top base for MARC to accept Coaxial MARC, allows positioning on the desk as required; incl. cable CAN RJ45 1.0m	Carl Zeiss	435604-9010-000	Each	$243.96	4.0%	$234.20
Science Laboratory and Teaching Supplies	415500-1202-000	Attachable transmitted-light mirror for Primo Star fixed-Köhler	Carl Zeiss	415500-1202-000	Each	$39.59	4.0%	$38.01
Science Laboratory and Teaching Supplies	415501-1200-000	Transmitted-light illumination with LED white-light, 5600K for Primostar 3	Carl Zeiss	415501-1200-000	Each	$194.74	4.0%	$186.95
Science Laboratory and Teaching Supplies	415501-1201-000	Transmitted-light illumination with HAL 6V/30W for Primostar 3	Carl Zeiss	415501-1201-000	Each	$153.01	4.0%	$146.89
Science Laboratory and Teaching Supplies	415510-1200-001	Transmitted-light illumination with 6V 30W halogen bulb for Primovert	Carl Zeiss	415510-1200-001	Each	$184.04	4.0%	$176.68
Science Laboratory and Teaching Supplies	423053-9050-000	LED lamp module for attachment lamp VIS-LED - color temperature 5600 K - average lifetime > 10,000 hours	Carl Zeiss	423053-9050-000	Each	$356.31	4.0%	$342.06
Science Laboratory and Teaching Supplies	423900-9901-000	Transmitted-light illumination for Axio Imager 2 including luminous-field diaphragm, with openings for filter wheels man.	Carl Zeiss	423900-9901-000	Each	$960.86	4.0%	$922.43
Science Laboratory and Teaching Supplies	423901-9902-000	Transmitted-light illumination mot. for Axio Imager 2 including motorized luminous-field diaphragm, with openings for filter wheels mot. and man.	Carl Zeiss	423901-9902-000	Each	$2,383.96	4.0%	$2,288.60
Science Laboratory and Teaching Supplies	423903-0000-000	Optical adapter for LED transmitted-light illumination to adapt the LED illuminator to the transmitted-light illuminator	Carl Zeiss	423903-0000-000	Each	$226.84	4.0%	$217.77
Science Laboratory and Teaching Supplies	423904-9902-000	LED illuminator for transmitted light for direct attachment to the condenser carrier. Includes sliders with diffusion disk with 10° divergence angle for visual observation and with 80° divergence angle for documentation. Slider can also be used as shutter against interfering autofluorescence of the LEDs in epi-fluorescence applications.	Carl Zeiss	423904-9902-000	Each	$773.61	4.0%	$742.67
Science Laboratory and Teaching Supplies	423905-0000-000	Supplementary kit for LED illuminator for Axioskop 40	Carl Zeiss	423905-0000-000	Each	$208.65	4.0%	$200.30
Science Laboratory and Teaching Supplies	423906-9000-000	Transmitted-light module with condenser carrier f. Axio Imager Vario including luminous-field diaphragm, with openings for filter wheels man.	Carl Zeiss	423906-9000-000	Each	$3,845.58	4.0%	$3,691.76
Science Laboratory and Teaching Supplies	435527-9000-000	Transmitted light unit D (G) - dimmable LED back light 100 mm x 100 mm - color temperature: 5.000 K - homogeneity/ boundary light falloff +/-10% - luminance >= 50.000 cd/m² - life time >= 50.000 h	Carl Zeiss	435527-9000-000	Each	$6,365.43	4.0%	$6,110.81
Science Laboratory and Teaching Supplies	423915-9000-000	Carrier for transmitted-light illumination for Axio Vert - for illuminator HAL or LED - slidable condenser mount - with 2-position filter slider, d=32 mm - incl. collector, heat protection filter and diffusion disk	Carl Zeiss	423915-9000-000	Each	$919.13	4.0%	$882.36
Science Laboratory and Teaching Supplies	423915-9040-000	Adapter for expansion of specimen space by 60 mm; Axiovert - for Axiovert 5/7 - Insert between carrier for transmitted-light illumination and stand - Expansion to max. sample height of altogether 220 mm between condenser interface and stage surface	Carl Zeiss	423915-9040-000	Each	$265.36	4.0%	$254.75
Science Laboratory and Teaching Supplies	423920-0000-000	Carrier for transmitted-light illumination tiltable, for the mounting of condensers. Equiped with luminous-field diaphragm, 3-position filter changer and attachment possibility for micromanipulators.	Carl Zeiss	423920-0000-000	Each	$1,758.01	4.0%	$1,687.69
Science Laboratory and Teaching Supplies	423922-0000-000	Carrier for transmitted-light illumination with LCD display and light manager, carrier tiltable, for the mounting of condensers. Equipped with luminous-field diaphragm, 3-position filter changer and attachment possibility for micromanipulators. LCD display, four lines for display of nosepiece position, objective magnification, contrasting techniques, reflector turret equipment and lamp brightness.	Carl Zeiss	423922-0000-000	Each	$3,386.55	4.0%	$3,251.09
Science Laboratory and Teaching Supplies	423926-9000-000	Carrier transmitted-light illumination with Shutter - for Axio Observer 7/Z1 - manual luminous-field diaphragm - shutter, switching time < 80ms - condenser mount - interface for LD condenser 0.55 mot. - 3-position filter changer, d=32 mm - carrier tiltable	Carl Zeiss	423926-9000-000	Each	$2,922.17	4.0%	$2,805.28
Science Laboratory and Teaching Supplies	423926-9010-000	Carrier transmitted-light illumination, LCD display, Shutter - for Axio Observer 5/D1 - LCD display - shutter, switching time < 80ms - manual luminous-field diaphragm - condenser mount - interface for LD condenser 0.55 mot. - 3-position filter changer, d=32 mm - carrier tiltable	Carl Zeiss	423926-9010-000	Each	$4,283.21	4.0%	$4,111.88

Science Laboratory and Teaching Supplies	423731-9060-000	Shutter mot. for transmitted-light illumination Axio Examiner for lower microscope part Axio Examiner mot., switching time <100 ms	Carl Zeiss	423731-9060-000	Each	$749.00	4.0%	$719.04
Science Laboratory and Teaching Supplies	423915-9030-000	Light shield to block ambient light; Axiovert for Axiovert 5/7 and Axio Vert.A1	Carl Zeiss	423915-9030-000	Each	$161.57	4.0%	$155.11
Science Laboratory and Teaching Supplies	423915-9530-000	Light Shield Module Consisting of: Light shield to block ambient light; Axiovert for Axiovert 5/7 and Axio Vert.A1	Carl Zeiss	423915-9530-000	Each	$161.57	4.0%	$155.11
Science Laboratory and Teaching Supplies	423600-0000-000	Reflected-light illuminator for FL and HD for Axio Imager with shutter and with openings for manual stop sliders and filter wheels. Transmission range 340-1100 nm. With 340 nm and 1100 nm ~40%.	Carl Zeiss	423600-0000-000	Each	$2,808.75	4.0%	$2,696.40
Science Laboratory and Teaching Supplies	423731-9081-000	Reflected-light illuminator with 5-position reflector turret man. P &C achromatic, for HBO/HXP/Colibri - usable with upper microscope parts D/A Axio Examiner D1 and Z1 - mounts for luminous-field diaphragm slider and aperture stop slider or FL attenuator - mechanical safety shutter - optical axis on the front reflector position	Carl Zeiss	423731-9081-000	Each	$3,564.17	4.0%	$3,421.60
Science Laboratory and Teaching Supplies	423731-9121-000	Reflected-light illumination with reflector turret 5x mot. P&C achromatic, for HBO/HXP/Colibri - usable with upper microscope parts D/A Axio Examiner D1 and Z1 - mounts for luminous-field diaphragm slider and aperture stop slider or FL attenuator - mechanical safety shutter - optical axis on the front reflector position	Carl Zeiss	423731-9121-000	Each	$5,131.72	4.0%	$4,926.45
Science Laboratory and Teaching Supplies	423601-9901-000	Reflected-light illuminator mot. for FL and HD for Axio Imager with shutter and with openings for motorized and manual stop sliders and filter wheels. Transmission range 340-1100 nm. With 340 nm and 1100 nm ~40%.	Carl Zeiss	423601-9901-000	Each	$3,549.19	4.0%	$3,407.22
Science Laboratory and Teaching Supplies	415501-1820-000	Reflected-light fluorescence illuminator iLED 455 nm for Primostar 3 including - LED module 455 nm - FL reflector module with filter set 67, optimized for Auramin - yellow filter - special eyecup with light protection	Carl Zeiss	415501-1820-000	Each	$4,820.35	4.0%	$4,627.54
Science Laboratory and Teaching Supplies	415501-1822-000	Reflected-light fluorescence illuminator iLED 470 nm for Primostar 3 including - LED module 470 nm - FL reflector module with filter set 09, optimized for FITC - yellow filter - special eyecup with light protection	Carl Zeiss	415501-1822-000	Each	$5,170.24	4.0%	$4,963.43
Science Laboratory and Teaching Supplies	423605-9901-000	Reflected-light illuminator FL UV - slider mounts for manual sliders - slider mount for 3-position filter slider, dia. 25 mm - beam path chromatic corrected - transmission from 340 to 850 nm >80%	Carl Zeiss	423605-9901-000	Each	$2,941.43	4.0%	$2,823.77
Science Laboratory and Teaching Supplies	423606-9901-000	Reflected-light illuminator FL - slider mounts for manual sliders - slider mount for 3-position filter slider, dia. 25 mm - beam path apochromatic corrected - transmission from 375 to 825 nm >80%	Carl Zeiss	423606-9901-000	Each	$1,627.47	4.0%	$1,562.37
Science Laboratory and Teaching Supplies	423607-9901-000	Reflected-light illuminator FL mot. - slider mounts for motorized and manual sliders - slider mount for 3-position filter slider, dia. 25 mm - beam path apochromatic corrected - transmission from 375 to 825 nm >80%	Carl Zeiss	423607-9901-000	Each	$4,038.18	4.0%	$3,876.65
Science Laboratory and Teaching Supplies	423608-9001-000	Reflected-light illuminator HD Pol FL - slider mounts for manual stop sliders - slider mount 6x30 for polarizer slider, 90° rotatable - slider mount for 3-position filter slider, dia. 25 mm - beam path apochromatic corrected - transmission from 375 to 825 nm >80%	Carl Zeiss	423608-9001-000	Each	$2,510.22	4.0%	$2,409.81
Science Laboratory and Teaching Supplies	423608-9011-000	Reflected-light illuminator HD Pol FL mot. - slider mounts for manual or motorized stop sliders - slider mount 6x30 for polarizer slider, 90° rotatable - slider mount for 3-position filter slider, dia. 25 mm - beam path apochromatic corrected - transmission from 375 to 825 nm >80%	Carl Zeiss	423608-9011-000	Each	$4,395.56	4.0%	$4,219.74
Science Laboratory and Teaching Supplies	423621-9901-000	Shutter for transmitted-light illumination switching time < 200 ms switching frequency max. 2 Hz	Carl Zeiss	423621-9901-000	Each	$551.05	4.0%	$529.01
Science Laboratory and Teaching Supplies	423622-9901-000	Shutter high speed, reflected-light for Axio Imager M and Z switching time < 20 ms switching frequency max. 5 Hz firmware version 06.008 or higher required	Carl Zeiss	423622-9901-000	Each	$2,105.76	4.0%	$2,021.53
Science Laboratory and Teaching Supplies	423625-0000-000	Shutter FL, internal for stands Axio Observer 3 / 5 / 7 / D1 / Z1 for reflected-light illumination switching time < 60 ms switching frequency max. 5 Hz	Carl Zeiss	423625-0000-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	423731-9050-000	Shutter mot. for reflected-light illumination Axio Examiner man./mot. usable for upper microscope part D/A Axio Examiner D1/Z1 with sideport 60N, switching time <60 ms in combination with lower microscope part Axio Examiner mot.	Carl Zeiss	423731-9050-000	Each	$749.00	4.0%	$719.04
Science Laboratory and Teaching Supplies	423731-9180-000	Shutter man. for reflected-light illumination Axio Examiner man./mot.	Carl Zeiss	423731-9180-000	Each	$219.35	4.0%	$210.58
Science Laboratory and Teaching Supplies	432925-0000-000	Stand interface cable for external UNIBLITZ Shutter switching time < 50 ms	Carl Zeiss	432925-0000-000	Each	$251.45	4.0%	$241.39
Science Laboratory and Teaching Supplies	000000-1109-741	Antiglare screen for Axio Observer/Axiovert	Carl Zeiss	000000-1109-741	Each	$268.57	4.0%	$257.83

Science Laboratory and Teaching Supplies	000000-1177-213	Antiglare screen for Axiostar plus	Carl Zeiss	000000-1177-213	Each	$200.09	4.0%	$192.09
Science Laboratory and Teaching Supplies	415500-1819-000	Special eyecup with light protection for Primo Star Also suited for eyepieces 10x/23 to Stemi 305, Stemi 508, SteREO Discovery and Axio Zoom - Set of two different eyecups (left/right) - To minimize disturbing light incidence - Not foldable, usable without eyeglasses only	Carl Zeiss	415500-1819-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	415510-1309-000	Protection Plate UV Fluorescence for Primovert iLED	Carl Zeiss	415510-1309-000	Each	$89.88	4.0%	$86.28
Science Laboratory and Teaching Supplies	423655-9700-000	Antiglare screen for "Axiovert" Module Consisting of: Antiglare screen for Axio Observer/Axiovert	Carl Zeiss	423655-9700-000	Each	$268.57	4.0%	$257.83
Science Laboratory and Teaching Supplies	452163-0000-000	Antiglare screen	Carl Zeiss	452163-0000-000	Each	$268.57	4.0%	$257.83
Science Laboratory and Teaching Supplies	000000-1062-360	Iris stop slider for incident-light equipment centerable, can be used as luminous-field diaphragm and/or aperture diaphragm slider (Köhler-type illumination in incident-light beam path)	Carl Zeiss	000000-1062-360	Each	$761.84	4.0%	$731.37
Science Laboratory and Teaching Supplies	000000-1140-737	Slider with variable rectangular diaphragm for reflected light equipments Axio Observer, Axiovert 200 and Axioplan 2 ie	Carl Zeiss	000000-1140-737	Each	$1,201.61	4.0%	$1,153.55
Science Laboratory and Teaching Supplies	000000-1148-980	Aperture diaphragm slider MAT with integrated ground glass plate	Carl Zeiss	000000-1148-980	Each	$935.18	4.0%	$897.77
Science Laboratory and Teaching Supplies	423611-0000-000	Stop slider man. with centerable luminous-field diaphragm slider stop position can be set	Carl Zeiss	423611-0000-000	Each	$615.25	4.0%	$590.64
Science Laboratory and Teaching Supplies	423612-9901-000	Stop slider mot. with centerable luminous-field diaphragm	Carl Zeiss	423612-9901-000	Each	$2,421.41	4.0%	$2,324.55
Science Laboratory and Teaching Supplies	423613-0000-000	Stop slider with centerable aperture stop	Carl Zeiss	423613-0000-000	Each	$613.11	4.0%	$588.59
Science Laboratory and Teaching Supplies	423614-9901-000	Stop slider mot. with centerable aperture stop	Carl Zeiss	423614-9901-000	Each	$2,580.84	4.0%	$2,477.61
Science Laboratory and Teaching Supplies	423615-0000-000	Slider man. with variable rectangular diaphragm Operation via lever adjustment, max. opening = 28 x 28 mm, min. opening = 0.3 x 0.3 mm	Carl Zeiss	423615-0000-000	Each	$1,290.42	4.0%	$1,238.80
Science Laboratory and Teaching Supplies	423616-0000-000	FL attenuator, discrete Insert for the aperture stop plane of reflected-light illuminators. Filter wheel with 6 positions. Pos. 1: clear aperture. Pos. 2-6: attenuation with 70, 50, 40, 20 and 2% transmission.	Carl Zeiss	423616-0000-000	Each	$809.99	4.0%	$777.59
Science Laboratory and Teaching Supplies	423617-0000-000	FL attenuator, discrete, mot. Motorized insert for the aperture stop plane of reflected-light illuminators. Filter wheel with 6 positions. Pos. 1: clear aperture. Pos. 2-6: attenuation with 70, 50, 40, 20 and 2% transmission.	Carl Zeiss	423617-0000-000	Each	$1,774.06	4.0%	$1,703.10
Science Laboratory and Teaching Supplies	423618-9000-000	Stop slider mot. with 8-position aperture stop turret, d=0.8-6.4 mm	Carl Zeiss	423618-9000-000	Each	$2,525.20	4.0%	$2,424.19
Science Laboratory and Teaching Supplies	423644-0000-000	Aperture diaphragm slider MAT mot. with integrated ground glass plate	Carl Zeiss	423644-0000-000	Each	$2,761.67	4.0%	$2,651.20
Science Laboratory and Teaching Supplies	423646-0000-000	Iris stop slider mot. for incident-light equipment centerable, can be used as luminous-field diaphragm and/or aperture diaphragm slider (Köhler-type illumination in incident-light beam path)	Carl Zeiss	423646-0000-000	Each	$2,388.24	4.0%	$2,292.71
Science Laboratory and Teaching Supplies	423655-9020-000	Stop slider A 14x40 mm with aperture diaphragm for Axiovert 5/7, Axio Vert.A1	Carl Zeiss	423655-9020-000	Each	$298.53	4.0%	$286.59
Science Laboratory and Teaching Supplies	423655-9520-000	Stop slider aperture diaphragm Module Consisting of: Stop slider A 14x40 mm with aperture diaphragm for Axiovert 5/7, Axio Vert.A1	Carl Zeiss	423655-9520-000	Each	$298.53	4.0%	$286.59
Science Laboratory and Teaching Supplies	423730-9100-000	Stop slider A 14x40 mm with luminous-field diaphragm usable with reflected-light illuminator HD DIC	Carl Zeiss	423730-9100-000	Each	$297.46	4.0%	$285.56
Science Laboratory and Teaching Supplies	423730-9151-000	Stop slider A 14x40 mm with aperture/luminous field diaphragm - aperture diaphragm for Axio Scope - luminous field diaphragm for Axiovert 5/7 , Axio Vert.A1	Carl Zeiss	423730-9151-000	Each	$285.69	4.0%	$274.26
Science Laboratory and Teaching Supplies	423730-9651-000	Stop slider A 14x40 mm Module Consisting of: Stop slider A 14x40 mm with aperture/luminous field diaphragm - aperture diaphragm for Axio Scope - luminous field diaphragm for Axiovert 5/7 , Axio Vert.A1	Carl Zeiss	423730-9651-000	Each	$285.69	4.0%	$274.26
Science Laboratory and Teaching Supplies	427300-9010-000	Slider for Dodt gradient contrast for condensers 0.8	Carl Zeiss	427300-9010-000	Each	$2,425.69	4.0%	$2,328.66
Science Laboratory and Teaching Supplies	427300-9020-000	Slider for Dodt gradient contrast for condensers 0.9	Carl Zeiss	427300-9020-000	Each	$2,425.69	4.0%	$2,328.66
Science Laboratory and Teaching Supplies	427300-9030-000	Slider for Dodt gradient contrast for condensers 1.2	Carl Zeiss	427300-9030-000	Each	$2,425.69	4.0%	$2,328.66
Science Laboratory and Teaching Supplies	000000-1447-381	Reflector module FL P&C, for BS 2 mm suitable for 36 mm x 26 mm dichroic mirrors with 2 mm thickness. For excitation and emission filter with diameter 25 mm. Perpendicular mount for emission filter. Max. filter thickness 5 mm.	Carl Zeiss	000000-1447-381	Each	$331.70	4.0%	$318.43
Science Laboratory and Teaching Supplies	424920-0000-000	Reflector module FL P&C	Carl Zeiss	424920-0000-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	424922-9401-000	Reflector Module DF RL ACR P&C Module Consists of: - Reflector module dark field ACR P&C for reflected light	Carl Zeiss	424922-9401-000	Each	$806.78	4.0%	$774.51
Science Laboratory and Teaching Supplies	424922-9901-000	Reflector module dark field ACR P&C for reflected light	Carl Zeiss	424922-9901-000	Each	$1,073.21	4.0%	$1,030.28
Science Laboratory and Teaching Supplies	424923-9901-000	Reflector module polarizer ACR P&C for reflected light	Carl Zeiss	424923-9901-000	Each	$1,361.04	4.0%	$1,306.60
Science Laboratory and Teaching Supplies	424924-9901-000	Reflector module Pol ACR P&C for HBO 100 for reflected light Suitable for the detection of immunogold staining and the magneto-optical Kerr effect	Carl Zeiss	424924-9901-000	Each	$2,358.28	4.0%	$2,263.95

Science Laboratory and Teaching Supplies	424928-9500-000	Reflector module BF f/RF ACR P<(>&<)>C Module Consisting of: Reflector module bright field ACR P<(>&<)>C for reflected light	Carl Zeiss	424928-9500-000	Each	$601.34	4.0%	$577.29
Science Laboratory and Teaching Supplies	424928-9901-000	Reflector module bright field ACR P&C for reflected light	Carl Zeiss	424928-9901-000	Each	$601.34	4.0%	$577.29
Science Laboratory and Teaching Supplies	424929-9903-000	Reflector module C-DIC/TIC ACR P&C for reflected light optimized for circular DIC in reflected light, for use with C-DIC/ TIC prisms in modulator turret, not suitable for polarization	Carl Zeiss	424929-9903-000	Each	$2,221.32	4.0%	$2,132.47
Science Laboratory and Teaching Supplies	424930-9902-000	Reflector module calibration ApoTome ACR P&C	Carl Zeiss	424930-9902-000	Each	$862.42	4.0%	$827.92
Science Laboratory and Teaching Supplies	424930-9903-000	Reflector module calibration Apotome universal ACR P&C	Carl Zeiss	424930-9903-000	Each	$1,043.25	4.0%	$1,001.52
Science Laboratory and Teaching Supplies	424931-0000-000	Reflector module FL EC P&C Reflection avoided through tilted mount for emission filters, max. filter thickness: 5 mm	Carl Zeiss	424931-0000-000	Each	$310.30	4.0%	$297.89
Science Laboratory and Teaching Supplies	424933-0000-000	Reflector module FL EC ACR P&C Reflection avoided through tilted mount for emission filters, max. filter thickness: 5 mm	Carl Zeiss	424933-0000-000	Each	$371.29	4.0%	$356.44
Science Laboratory and Teaching Supplies	424933-9000-000	Reflector module FL ACR P&C, for BS 2 mm Emissionfiler max. thickness: 5 mm. Mount for beam splitter 26 mm x 36 mm, max. thickness 2 mm. A neutral density filter for scattered light suppression can be inserted.	Carl Zeiss	424933-9000-000	Each	$386.27	4.0%	$370.82
Science Laboratory and Teaching Supplies	424938-0000-000	Reflector module DIC/Pol red I Lambda ACR P&C for reflected light suitable for color DIC and polarization in reflected light, consisting of two Pol filters with lambda plate that are firmly oriented towards each other	Carl Zeiss	424938-0000-000	Each	$2,020.16	4.0%	$1,939.35
Science Laboratory and Teaching Supplies	424939-9000-000	Reflector module DIC/Pol ACR P&C shift free for reflected light suitable for DIC and polarization in reflected light, consisting of two Pol filters that are firmly oriented towards each other	Carl Zeiss	424939-9000-000	Each	$1,721.63	4.0%	$1,652.76
Science Laboratory and Teaching Supplies	424941-9000-000	Reflector module C-DIC/TIC ACR P&C for reflected light optimized for circular DIC in reflected light, for use with C-DIC/ TIC sliders 6x20, not suitable for polarization	Carl Zeiss	424941-9000-000	Each	$2,159.26	4.0%	$2,072.89
Science Laboratory and Teaching Supplies	424941-9010-000	DIC FL analyzer module for zoom tube DIC analyzer module for use in binocular tube 20°/23, TV zoom 0.5-4x, 2x TV	Carl Zeiss	424941-9010-000	Each	$1,138.48	4.0%	$1,092.94
Science Laboratory and Teaching Supplies	424941-9050-000	Reflector module with analyzer ACR P&C for reflected light	Carl Zeiss	424941-9050-000	Each	$1,254.04	4.0%	$1,203.88
Science Laboratory and Teaching Supplies	424941-9060-000	Reflector module FL EC ACR P&C, programmable Filter equipment in Axio Imager.Z2 or Axio Observer 7 / Z1 freely programmable. Reflection avoided through tilted mount for emission filters, max. filter thickness: 5 mm	Carl Zeiss	424941-9060-000	Each	$371.29	4.0%	$356.44
Science Laboratory and Teaching Supplies	424941-9070-000	Reflector module FL EC ACR P&C, for darkfield objectives, programmable Filter equipment in Axio Imager.Z2 or Axio Observer.Z1 freely programmable. Contains a diaphragm for covering light from the objective's darkfield channel. Reflection avoided through tilted mount for emission filters, max. filter thickness: 5 mm	Carl Zeiss	424941-9070-000	Each	$338.12	4.0%	$324.60
Science Laboratory and Teaching Supplies	452885-0000-000	Reflector module H	Carl Zeiss	452885-0000-000	Each	$615.25	4.0%	$590.64
Science Laboratory and Teaching Supplies	452886-0000-000	Reflector module D Reflector module D	Carl Zeiss	452886-0000-000	Each	$1,050.74	4.0%	$1,008.71
Science Laboratory and Teaching Supplies	452888-0000-000	Reflector module FL	Carl Zeiss	452888-0000-000	Each	$396.97	4.0%	$381.09
Science Laboratory and Teaching Supplies	446310-0002-000	Beam splitter 50%, 26x36mm	Carl Zeiss	446310-0002-000	Each	$268.57	4.0%	$257.83
Science Laboratory and Teaching Supplies	424940-9050-000	Reflector slider 2x, changeable, for P&C modules	Carl Zeiss	424940-9050-000	Each	$496.48	4.0%	$476.62
Science Laboratory and Teaching Supplies	424940-9051-000	Reflector slider 2x encoded, changeable, for P&C modules	Carl Zeiss	424940-9051-000	Each	$522.16	4.0%	$501.27
Science Laboratory and Teaching Supplies	424940-9451-000	Reflector slider 2x encoded, changeable, Module - for P&C modules	Carl Zeiss	424940-9451-000	Each	$522.16	4.0%	$501.27
Science Laboratory and Teaching Supplies	423636-0000-000	Adapter for Third Party components mounting plate (without optics) for lateral access to the reflected-light illuminator FL of the Axio Observer stand - outer dimensions (H x B): 81.5 x 65.5 mm - aperture (H x B): 42.5 x 41.0 mm	Carl Zeiss	423636-0000-000	Each	$598.13	4.0%	$574.20
Science Laboratory and Teaching Supplies	423655-9050-000	Ilumination adapter A, achromatic - for Axiovert 5/7 and Axio Vert.A1 - for achromatization of the reflected light beam path - especially recommended for fluorescence microscopy with shorter excitation wavelengths	Carl Zeiss	423655-9050-000	Each	$235.40	4.0%	$225.98
Science Laboratory and Teaching Supplies	423730-9091-000	Illumination adapter A, achromatic, Axio Scope, Axio Examiner.A1 usable for reflected light with HAL 100, LED, HXP, Colibri and HBO illuminator	Carl Zeiss	423730-9091-000	Each	$880.61	4.0%	$845.39
Science Laboratory and Teaching Supplies	425313-9020-000	Intermediate plate for analyzer slider 12x46 incl. tube-lens, with slot for use of analyzer sliders from the Axio Imager line	Carl Zeiss	425313-9020-000	Each	$588.50	4.0%	$564.96
Science Laboratory and Teaching Supplies	423000-9901-000	HAL 100 illuminator with quartz collector lamp mount and heat-reflecting filter	Carl Zeiss	423000-9901-000	Each	$1,234.78	4.0%	$1,185.39

Science Laboratory and Teaching Supplies	423003-9000-000	HBO 50 illuminator with collector and lamp mount and heat-reflecting filter	Carl Zeiss	423003-9000-000	Each	$2,902.91	4.0%	$2,786.79
Science Laboratory and Teaching Supplies	423010-0000-000	HBO 100 illuminator with lamp mount and collector incl. heat-reflecting filter and 2m connection cable	Carl Zeiss	423010-0000-000	Each	$3,870.19	4.0%	$3,715.38
Science Laboratory and Teaching Supplies	423011-9901-000	HBO 100 illuminator, self-adjusting with lamp mount and collector including heat-reflecting filter and 2m connection cable. Automatic lamp alignment	Carl Zeiss	423011-9901-000	Each	$5,353.21	4.0%	$5,139.08
Science Laboratory and Teaching Supplies	415510-1201-001	Transmitted-light illumination with LED for Primovert	Carl Zeiss	415510-1201-001	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	423005-9001-000	Illuminator TL LED 10W CRI90 Axioscope - replacement for the supplied transmitted light illuminator LED 10W	Carl Zeiss	423005-9001-000	Each	$520.02	4.0%	$499.22
Science Laboratory and Teaching Supplies	423005-9011-000	Illuminator RL LED 10W CRI90 Axioscope - replacement for supplied reflected light illuminator LED 10W	Carl Zeiss	423005-9011-000	Each	$520.02	4.0%	$499.22
Science Laboratory and Teaching Supplies	423006-9020-000	Light source Viluma 9 VIS (XT920Z) 9-channel fluorescence light source with light guide. Equipped with 8 excitation lines with narrowband filters and a filter- free position at 500-600nm. Far Red (735 nm) for excitation of Cy7 and similar dyes Red (631 nm) forexcitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green(555 nm) for excitation of Cy3, TRITC, DsRed and similar dyes Cyan (508 nm) for excitation of eYFP, Eosin,TOTO-1 and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes Violet (423 nm) for excitation of eCFP, Lucifer Yellow, Alexa 430 and similar dyes UV (387 nm) for excitation of DAPI, Alexa 405,Hoechst 33258 and similar dyes Acountry-specific power cable is included in delivery. To mount the light source at the microscope stand Illumination adapter Viluma 9 is required (except for Axio Zoom, where the liquid light guide is directly adapted to the Fluar illuminator Z 435180-9061-000)	Carl Zeiss	423006-9020-000	Each	$23,667.33	4.0%	$22,720.64
Science Laboratory and Teaching Supplies	423006-9030-000	Light source Viluma 9 UV (XT930Z) 9-channel fluorescence light source with light guide. Equipped with 8 excitation lines with narrowband filters and a filter- free position at 500-600nm. Red (631nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green(555 nm) for excitation of Cy3, TRITC, DsRed and similar dyes Cyan (508 nm) for excitation of eYFP, Eosin,TOTO-1 and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes Violet (423 nm) for excitation of eCFP, Lucifer Yellow, Alexa 430 and similar dyes UV (387 nm) for excitation of FURA-2, DAPI, Hoechst 33258 and similar dyes FURA-UV (340 nm) for excitation of FURA-2 A country-specificpower cable is included in delivery. To mount the light source at the microscope stand Illumination adapter Viluma 9 (423006-9060-000 or 423302-0000-000) is required.	Carl Zeiss	423006-9030-000	Each	$23,667.33	4.0%	$22,720.64
Science Laboratory and Teaching Supplies	423052-9405-000	Solid-State Light source Colibri 3, Type RGB-UV, Module Consisting of: 4-channel fluorescence light source with integrated control unit in Axioscope stand for continuous brightness adjustment, quickly switchable and adjustable by stand alone, OnScreenDisplay (OSD) in Axiocam 202, software Labscope App Equipped with 4 solid state LED lamps. - Red (625nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes - Green (565nm) for excitation of Cy3, TRITC, DsRed and similar dyes - Blue (470nm) forexcitation of eGFP, Fluo4, FITC and similar dyes - UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 Additionally included: - Antiglare screen - Reflector module FL EC P<(>&<)>C (Reflection avoided through tilted mount for emission filters, max. filter thickness: 5 mm) - Filter set 90 HE LED (for use with the illumination system Colibri 3/5/7. Suitable for fluorescent dyes like DAPI, FITC, TRITC and Cy5 with excitation wavelengths 385, 475, 555 and 630 nm. Contains beam splitter QBP 405 + 493 + 575 + 653 and emission filter QBP 425/30 + 514/30 + 592/25 + 709/100.)	Carl Zeiss	423052-9405-000	Each	$8,063.52	4.0%	$7,740.98

Science Laboratory and Teaching Supplies	423052-9440-000	Solid-State Light source Colibri 3, Type GB-UV 3-channel fluorescence light source with integrated control unit in Axioscope and Axiovert 5 TL FL SCB stand for continuous brightness adjustment, quickly switchable and adjustable by stand or - by Stand alone operation mode via OnScreenDisplay (OSD) for Axioscope with Axiocam 202/208 - by Stand alone mode via OnScreenDisplay (OSD) for Axiovert 5 TL FL SCB with Axiocam 105 R2/202/208/305/705 - software Labscope or ZEN Equipped with 3 solid state LED lamps. - Green (565nm) for excitation of Cy3, TRITC, DsRed and similar dyes - Blue (470nm) for excitation of eGFP, Fluo4, FITC and similar dyes - UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258	Carl Zeiss	423052-9440-000	Each	$4,931.63	4.0%	$4,734.36
Science Laboratory and Teaching Supplies	423052-9450-000	Solid-State Light source Colibri 3, Type GB 2-channel fluorescence light source with integrated control unit in Axioscope and Axiovert 5 TL FL stand for continuous brightness adjustment, quickly switchable and adjustable by stand or - by Stand alone operation mode via OnScreenDisplay (OSD) for Axioscope with Axiocam 202/208 - by Stand alone mode via OnScreenDisplay (OSD) for Axiovert 5 TL FL SCB with Axiocam 105 R2/202/208/305/705 - software Labscope or ZEN Equipped with 2 solid state LED lamps. - Green (565nm) for excitation of Cy3, TRITC, DsRed and similar dyes - Blue (470nm) for excitation of eGFP, Fluo4, FITC and similar dyes	Carl Zeiss	423052-9450-000	Each	$4,066.00	4.0%	$3,903.36
Science Laboratory and Teaching Supplies	423052-9505-000	Solid-State Light source Colibri 3, Type RGB-UV 4-channel fluorescence light source with integrated control unit in Axioscope and Axiovert 5 TL FL SCB for continuous brightness adjustment, quickly switchable and adjustable by stand or - by Stand alone operation mode via, OnScreenDisplay (OSD) for Axioscope with in Axiocam 202/208 - by Stand alone mode via OnScreenDisplay (OSD) for Axiovert 5 TL FL SCB with Axiocam 105 R2/202/208/305/705 - software Labscope or ZEN Equipped with 4 solid state LED lamps. - Red (625nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes - Green (565nm) for excitation of Cy3, TRITC, DsRed and similar dyes - Blue (470nm) for excitation of eGFP, Fluo4, FITC and similar dyes - UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258	Carl Zeiss	423052-9505-000	Each	$5,538.32	4.0%	$5,316.79
Science Laboratory and Teaching Supplies	423052-9641-000	Light Source Viluma 5 RGB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable. Equipped with 4 solid state LED lamps. Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Green (555 nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cableand a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9641-000	Each	$7,886.97	4.0%	$7,571.49
Science Laboratory and Teaching Supplies	423052-9711-000	Light Source Viluma 7 RGB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightnessadjustment. Equipped with 4 solid state LED lamps. Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Green (555 nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV(385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9711-000	Each	$9,670.66	4.0%	$9,283.83

Science Laboratory and Teaching Supplies	423052-9721-000	Light Source Viluma 7 RYB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightnessadjustment. Equipped with 4 solid state LED lamps. Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9721-000	Each	$9,670.66	4.0%	$9,283.83
Science Laboratory and Teaching Supplies	423052-9731-000	Light Source Viluma 7 R[G/Y]B-UV 5-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 5 excitation lines. Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green (555 nm) for excitation of Cy3, TRITC, DsRed andsimilar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9731-000	Each	$10,952.52	4.0%	$10,514.42
Science Laboratory and Teaching Supplies	423052-9742-000	Light Source Viluma 7 R[G/Y]CBV-UV 7-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightnessadjustment. Equipped with 7 excitation lines. Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green (555nm) for excitation of Cy3, TRITC, DsRed and similar dyes Cyan (508 nm) for excitation of eYFP, Eosin, TOTO-1 and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes Violet (423 nm) for excitation of eCFP, Lucifer Yellow, Alexa 430 and similar dyes UV (385 nm) for excitationof DAPI,Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9742-000	Each	$13,761.27	4.0%	$13,210.82
Science Laboratory and Teaching Supplies	423052-9771-000	Light Source Viluma 7 FR-R[G/Y]BV-UV 7-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 7 excitation lines. Far Red (735 nm) for excitation of Cy7 and similar dyes Red (631 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (591 nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green(555 nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (469 nm) for excitation of eGFP, Fluo4, FITC and similar dyes Violet (423 nm) for excitation of eCFP, Lucifer Yellow, Alexa 430 and similar dyes UV (385 nm) for excitation of DAPI, Alexa 405,Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery. When used at an Axio Observer with Incubator XLmulti, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	423052-9771-000	Each	$13,970.99	4.0%	$13,412.15
Science Laboratory and Teaching Supplies	423053-9074-000	Illuminator microLED 3 for mounting on the lamp interface for transmitted-light or reflected-light illumination - colour temperature 5700 K - colour rendering index >90	Carl Zeiss	423053-9074-000	Each	$1,289.35	4.0%	$1,237.78
Science Laboratory and Teaching Supplies	423734-9010-000	LED ring illuminator single for 2.5x (D) - for front optics 2.5x and 1.8x (optional)	Carl Zeiss	423734-9010-000	Each	$1,013.29	4.0%	$972.76
Science Laboratory and Teaching Supplies	423004-9010-000	Illuminator HAL for Axio Vert transmitted light	Carl Zeiss	423004-9010-000	Each	$302.81	4.0%	$290.70

Science Laboratory and Teaching Supplies	447229-0000-000	Switching mirror mot.; CAN for Axio Observer 5 / 7 / D1 / Z1 and Axio Imager M2 / Z2 and Z2 Vario	Carl Zeiss	447229-0000-000	Each	$5,017.23	4.0%	$4,816.54
Science Laboratory and Teaching Supplies	447230-9903-000	Switching mirror for 2 illuminators	Carl Zeiss	447230-9903-000	Each	$2,395.73	4.0%	$2,299.90
Science Laboratory and Teaching Supplies	000000-1049-429	Distance ring 35 mm for illuminators	Carl Zeiss	000000-1049-429	Each	$350.96	4.0%	$336.92
Science Laboratory and Teaching Supplies	000000-1129-916	Extension tube for illuminator mount, l=17.0 mm	Carl Zeiss	000000-1129-916	Each	$205.44	4.0%	$197.22
Science Laboratory and Teaching Supplies	423006-9060-000	Illumination adapter Viluma 9 for mounting the light guide of Viluma 9 at ZEISS microscope stands	Carl Zeiss	423006-9060-000	Each	$738.30	4.0%	$708.77
Science Laboratory and Teaching Supplies	423302-0000-000	Illumination adapter for light guide (D) Suitable for HXP 120 and X-Cite 120, coupling diameter of light guide 5 mm	Carl Zeiss	423302-0000-000	Each	$600.27	4.0%	$576.26
Science Laboratory and Teaching Supplies	423631-9901-000	Adjusting aid for HBO lamps for Axio Imager	Carl Zeiss	423631-9901-000	Each	$303.88	4.0%	$291.72
Science Laboratory and Teaching Supplies	423730-9120-000	Adjusting aid for HBO/XBO for Axioscope/Axio Examiner	Carl Zeiss	423730-9120-000	Each	$289.97	4.0%	$278.37
Science Laboratory and Teaching Supplies	452369-0000-000	Adjusting aid for HBO/XBO for Axioskop 2/40 / Axio Observer / Axiovert 200	Carl Zeiss	452369-0000-000	Each	$432.28	4.0%	$414.99
Science Laboratory and Teaching Supplies	000000-1063-184	Cold-light source KL 2500 LCD (115V) (D)	Carl Zeiss	000000-1063-184	Each	$2,365.77	4.0%	$2,271.14
Science Laboratory and Teaching Supplies	000000-1063-307	Line light S, l=50 mm (D)	Carl Zeiss	000000-1063-307	Each	$1,692.74	4.0%	$1,625.03
Science Laboratory and Teaching Supplies	000000-1063-317	Conversion filter, d=28 mm (D)	Carl Zeiss	000000-1063-317	Each	$72.76	4.0%	$69.85
Science Laboratory and Teaching Supplies	417052-9901-000	Goose-neck light guide 1500, 4.5/600 mm (D)	Carl Zeiss	417052-9901-000	Each	$300.67	4.0%	$288.64
Science Laboratory and Teaching Supplies	417060-9901-000	Focusing attachment and filter set (D) - with blue, red, green, yellow color filter	Carl Zeiss	417060-9901-000	Each	$287.83	4.0%	$276.32
Science Laboratory and Teaching Supplies	417063-9901-000	Flexible light guide 1500, 8/1000 mm (D)	Carl Zeiss	417063-9901-000	Each	$535.00	4.0%	$513.60
Science Laboratory and Teaching Supplies	417065-0000-000	Polarizer for focusing attachment d=6 mm (D) for 435540-9003 or 417060-9901 or 417059-9901	Carl Zeiss	417065-0000-000	Each	$149.80	4.0%	$143.81
Science Laboratory and Teaching Supplies	417072-0000-000	Flexible light guide 1500, 2x 5.6/1000 mm (D)	Carl Zeiss	417072-0000-000	Each	$666.61	4.0%	$639.95
Science Laboratory and Teaching Supplies	417075-9004-000	Flexible light guide, 2 branches 4.5/1000 mm (D) for KL 1500 / 2500	Carl Zeiss	417075-9004-000	Each	$607.76	4.0%	$583.45
Science Laboratory and Teaching Supplies	417075-9011-000	Slit-ring illuminator 1500 for incident-light dark field, d=66 mm (D) - flexible light guide 1500, 9/1000 mm - free working distance 5...15 mm	Carl Zeiss	417075-9011-000	Each	$1,590.02	4.0%	$1,526.42
Science Laboratory and Teaching Supplies	417080-9002-000	Goose-neck light guide 200, 2x 3.5/500 mm (D)	Carl Zeiss	417080-9002-000	Each	$345.61	4.0%	$331.79
Science Laboratory and Teaching Supplies	417080-9005-000	Flexible light guide 200, 4.5/1000 mm (D)	Carl Zeiss	417080-9005-000	Each	$211.86	4.0%	$203.39
Science Laboratory and Teaching Supplies	417084-9000-000	Cold-light source KL 300 LED for column 32 (D) - up to 75lm light flux, ca. 5,600K color temperature - ca. 50,000 operating hours until intensity drop to 70% - attachment adapter with clamping ring 32 and M8 hole on both sides - incl. Plug-in supply 9 V DC 5 VA with 1.7m cable and EU, GB, US/JP, AU plug adapters	Carl Zeiss	417084-9000-000	Each	$650.56	4.0%	$624.54
Science Laboratory and Teaching Supplies	417084-9020-000	Halogen-light filter for focusing attachment d=6 mm (D)	Carl Zeiss	417084-9020-000	Each	$74.90	4.0%	$71.90
Science Laboratory and Teaching Supplies	417085-9001-000	Flexible light guide 200, 4.5/600 mm (D)	Carl Zeiss	417085-9001-000	Each	$153.01	4.0%	$146.89
Science Laboratory and Teaching Supplies	417085-9002-000	Light guide holder for Stemi mounts (D)	Carl Zeiss	417085-9002-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	417089-0000-000	Focusing attachment d=10 mm (D)	Carl Zeiss	417089-0000-000	Each	$146.59	4.0%	$140.73
Science Laboratory and Teaching Supplies	417095-9041-000	Controller MC 1100 for VisiLED (D) with 3 rotating knobs for dimming, segmentation (5 modes) and its rotation, for control of one VisiLED illuminator	Carl Zeiss	417095-9041-000	Each	$778.96	4.0%	$747.80
Science Laboratory and Teaching Supplies	417095-9510-000	Holder d=66 mm to VisiLED DF (D)	Carl Zeiss	417095-9510-000	Each	$224.70	4.0%	$215.71
Science Laboratory and Teaching Supplies	423006-9001-000	Light Source X-Cite Xylis II LED-based white light source for fluorescence excitation Wavelength Range: 380-770 nm LED Peaks (nm): 385, 430, 475, 545, 650, 735 Software control through ZEN Manual control through control panel speedDIAL (optional component, not included) TTL on/off, USB, LED on/off response Times: 100 µs TTL / 1 ms USB Incl. 3 mm liquid light guide (1,5 m) A country-specific power cable is included in delivery. To mount the light source at the microscope stand the Illuminationadapter for light guide is required.	Carl Zeiss	423006-9001-000	Each	$13,828.68	4.0%	$13,275.53
Science Laboratory and Teaching Supplies	423006-9010-000	Control panel speedDIAL X-Cite Xylis	Carl Zeiss	423006-9010-000	Each	$1,088.19	4.0%	$1,044.66
Science Laboratory and Teaching Supplies	423013-9010-000	Illuminator HXP 120 V (D) inclusive built in power supply, lamp module and infrared filter. Fluorescence light source with motorized brightness switch and integrated motorized shutter, that works stepper motor controlled, fast and vibration free. With CAN connection for switching the shutter and the motorized brightness switch via ZEN (blue edition) and ZEN 2 (black edition). Interfaces: - 1x CAN (CAN-HD15) - 1x Trigger in (BNC) - 1x Trigger out (BNC) - 1x EXT (BNC) for remote control unit The package includes light guide, cable BNC and cable CAN.	Carl Zeiss	423013-9010-000	Each	$9,074.67	4.0%	$8,711.68
Science Laboratory and Teaching Supplies	435442-0000-000	Clamp S to light guide (D)	Carl Zeiss	435442-0000-000	Each	$133.75	4.0%	$128.40
Science Laboratory and Teaching Supplies	435540-9002-000	Flexible light guide 1500 ECO, 2x 4.5/1000 mm (D)	Carl Zeiss	435540-9002-000	Each	$232.19	4.0%	$222.90
Science Laboratory and Teaching Supplies	435540-9005-000	Slit-ring illuminator 1500 ECO, d=66 mm, 9/1000 mm (D)	Carl Zeiss	435540-9005-000	Each	$723.32	4.0%	$694.39
Science Laboratory and Teaching Supplies	435540-9006-000	Slit-ring illuminator 1500 ECO d=66 mm, 9/2000 mm (D)	Carl Zeiss	435540-9006-000	Each	$1,012.22	4.0%	$971.73

Science Laboratory and Teaching Supplies	435700-9000-000	Cold-light source CL 9000 LED CAN (D) - up to 900 lm light flux at 9 mm fiber output dia., ca. 6500K color temperature - min. 50,000 operating hours until intensity drop to 70% - control of intensity and 6 memory cells by rotary push knob and LCD - 10 mm collet chuck with sensor for 1500 light guides - filter slider for 2 mounted filters 35 x 26 x 4 mm and with free aperture - max. 80W wide-range supply for flicker free light, silent fan - 2.5 mm jack bush for on/off via optional foot button S - BNC socket for trigger input - 2 CAN RJ45 sockets for light control by EMS 3 - CAN RJ45 cable 1 m, country-specific power cable - Dimensions D241xW192xH118 mm, weight 3.1 kg	Carl Zeiss	435700-9000-000	Each	$1,808.30	4.0%	$1,735.97
Science Laboratory and Teaching Supplies	435700-9101-000	Cold-light source CL 6000 LED (D) - up to 600 lm light flux at 9 mm fiber output dia., ca. 6200K color temperature - min. 50,000 operating hours until intensity drop to 70% - control of intensity and 6 memory cells by rotary push knob and LCD - 10 mm collet chuck with sensor for 1500 light guides - filter slider for 2 mounted filters 35x26x4 mm and with free opening - max. 70W wide-range supply for flicker free light, silent fan - 2.5 mm jack bush for on/off via optional foot button S, USB socket - country-specific mains cord - Dimensions D241xW192xH118 mm, weight 3.1 kg	Carl Zeiss	435700-9101-000	Each	$1,252.97	4.0%	$1,202.85
Science Laboratory and Teaching Supplies	435710-9000-000	Cold light source CL 1500 HAL - up to 600lm light flux at 9mm optical output dia., continuous electronically dimming, - LCD display for brightness in % or color temperature in K or power-on hours, - incl. bulb 15V 150W halogen reflector, lifetime ca. 150h at 80%=450lm, - 10mm clamping nut with sensor for light guide 1500, - filter slider for one filter d=28mm and with free opening, - max. 180W wide-range supply for flicker free light, silent axial fan, - country-specific mains cord	Carl Zeiss	435710-9000-000	Each	$1,016.50	4.0%	$975.84
Science Laboratory and Teaching Supplies	435716-0000-000	Illuminator HXP 200C (D) inclusive built-in power supply 310W, lamp module, infrared filter, CAN-BUS cable and country-specific mains cord. Fluorescence light source with integrated shutter with trigger capability (5V TTL), that works stepper motor controlled, fast and vibration free. With CAN interface for remote control of the shutter	Carl Zeiss	435716-0000-000	Each	$8,663.79	4.0%	$8,317.24
Science Laboratory and Teaching Supplies	000000-0482-760	Lightguide HXP with liquid fill, 2m (D) ø3mm x 2000mm	Carl Zeiss	000000-0482-760	Each	$686.94	4.0%	$659.46
Science Laboratory and Teaching Supplies	417075-9040-000	Gooseneck Light Guide 1500-90°, 2x 4.5/620 mm	Carl Zeiss	417075-9040-000	Each	$442.98	4.0%	$425.26
Science Laboratory and Teaching Supplies	417075-9100-000	Flexible light guide 1500, 5/1000mm (D)	Carl Zeiss	417075-9100-000	Each	$260.01	4.0%	$249.61
Science Laboratory and Teaching Supplies	000000-0496-214	Shutter remote control for HXP C incl. connecting cable 2 m. Usable as knuckle switch or pedal switch.	Carl Zeiss	000000-0496-214	Each	$301.74	4.0%	$289.67
Science Laboratory and Teaching Supplies	000000-0544-644	Shutter remote control for HXP 120 V incl. connecting cable 2 m. Usable as knuckle switch or pedal switch.	Carl Zeiss	000000-0544-644	Each	$302.81	4.0%	$290.70
Science Laboratory and Teaching Supplies	417008-0000-000	Protective gloves Protective gloves	Carl Zeiss	417008-0000-000	Each	$86.67	4.0%	$83.20
Science Laboratory and Teaching Supplies	417009-0000-000	Face protection shield Face protection shield	Carl Zeiss	417009-0000-000	Each	$82.39	4.0%	$79.09
Science Laboratory and Teaching Supplies	423006-9040-000	Control panel speedDIAL Viluma 9 For manual control of Viluma 9 when sitting at the microscope and without ZEN Software. LED selection, power control, on/off switch.	Carl Zeiss	423006-9040-000	Each	$1,391.00	4.0%	$1,335.36
Science Laboratory and Teaching Supplies	423052-9572-000	LED module 470 nm for Axio	Carl Zeiss	423052-9572-000	Each	$1,204.82	4.0%	$1,156.63
Science Laboratory and Teaching Supplies	423052-9751-000	Control Panel for Colibri 5/7 and Viluma 5/7 with LCD to display the operating state. For LED selection and brightness setting.	Carl Zeiss	423052-9751-000	Each	$852.79	4.0%	$818.68
Science Laboratory and Teaching Supplies	423052-9760-000	LED Trigger Box for Colibri 5/7 and Viluma 5/7 for signal distribution	Carl Zeiss	423052-9760-000	Each	$880.61	4.0%	$845.39
Science Laboratory and Teaching Supplies	423302-9000-000	Sheathing for Light Guide HXP for Stabilization Stabilization of position of the light guide in operation. Avoidance of variation in illumination uniformity due to unwanted movement of the light guide.	Carl Zeiss	423302-9000-000	Each	$612.04	4.0%	$587.56
Science Laboratory and Teaching Supplies	423303-9100-000	Illumination adapter set for Visioner 1 - 2 length adapters for 3-fold LED ring illuminator - 73 mm for front optics 0.35x - 37 mm for front optics 0.75x	Carl Zeiss	423303-9100-000	Each	$722.25	4.0%	$693.36
Science Laboratory and Teaching Supplies	435506-0000-000	Slit-ring illuminator d=66 mm without light guide (D) useable with 417063-9901 light guide 8/1000mm and objective nosepiece S/doc 435302 or Z 435380-9000	Carl Zeiss	435506-0000-000	Each	$1,946.33	4.0%	$1,868.48
Science Laboratory and Teaching Supplies	435511-0000-000	Light-conducting rod 13 mm (D) required with 435506 ring illuminator and Plan Apo Z 0.5x / S 1.0x / S 3.5x mono or Achromat S 1.5x or PlanNeoFluar Z 1.0x, to that 2 light-conducting rods are required	Carl Zeiss	435511-0000-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	435512-0000-000	Light-conducting rod 51 mm (D) required with 435506 ring illuminator and Plan Apo Z 1.0x / Z 1.5x / S 1,5x or converter S 1.5x mono	Carl Zeiss	435512-0000-000	Each	$205.44	4.0%	$197.22

Science Laboratory and Teaching Supplies	435525-9201-000	Controller K LED - For power supply, on/off switching and dimming of one illuminator K LED or one Stemi 305 microscope body, if no stand K EDU/LAB/MAT or M LED is used - Magnetic plate for mounting to boom stands - Plug-in power unit with 1.8m cable 12V DC 24W/100...240V AC/50...60Hz incl. primary adapter EU, GB, US/JP, AU and (if required) specific power cable EURO C8 for other countries - low voltage RJ12 male-to-female connection cable 2m	Carl Zeiss	435525-9201-000	Each	$303.88	4.0%	$291.72
Science Laboratory and Teaching Supplies	435526-0080-000	Diffuser disk D (G) usable on Diffuser D	Carl Zeiss	435526-0080-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	435526-9080-000	Diffuser D (G) usable on Smartzoom 5 Objectives PlanApo 0,5x; 1,6x and 5,0x	Carl Zeiss	435526-9080-000	Each	$3,178.97	4.0%	$3,051.81
Science Laboratory and Teaching Supplies	435700-9020-000	Halogen Light Filter CL LED (D)	Carl Zeiss	435700-9020-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	435700-9021-000	Day Light Filter CL LED (D)	Carl Zeiss	435700-9021-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	435700-9022-000	Blue filter for CL LED (D)	Carl Zeiss	435700-9022-000	Each	$71.69	4.0%	$68.82
Science Laboratory and Teaching Supplies	435700-9023-000	Green filter for CL LED (D)	Carl Zeiss	435700-9023-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	435700-9024-000	Yellow filter for CL LED (D)	Carl Zeiss	435700-9024-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	435700-9025-000	Red filter for CL LED (D)	Carl Zeiss	435700-9025-000	Each	$66.34	4.0%	$63.69
Science Laboratory and Teaching Supplies	435700-9026-000	Neutral Filter 0.25 CL LED (D)	Carl Zeiss	435700-9026-000	Each	$71.69	4.0%	$68.82
Science Laboratory and Teaching Supplies	435700-9219-000	Halogen Light Filter CL 4500 LED (D)	Carl Zeiss	435700-9219-000	Each	$71.69	4.0%	$68.82
Science Laboratory and Teaching Supplies	380029-9020-000	Bulb 6V 15W 2.5A Tungsten	Carl Zeiss	380029-9020-000	Each	$36.38	4.0%	$34.92
Science Laboratory and Teaching Supplies	000000-0213-940	Bulb 12V 100W Halogen - Jenaphot	Carl Zeiss	000000-0213-940	Each	$44.94	4.0%	$43.14
Science Laboratory and Teaching Supplies	000000-0234-793	Bulb 12V 35W Halogen - Axiovert 40/200 and Axio Observer	Carl Zeiss	000000-0234-793	Each	$48.15	4.0%	$46.22
Science Laboratory and Teaching Supplies	000000-0402-943	Bulb 6V 30W Halogen - Axiovert 25/Axiolab	Carl Zeiss	000000-0402-943	Each	$41.73	4.0%	$40.06
Science Laboratory and Teaching Supplies	000000-1879-242	Bulb 12V 37W Halogen for Axio Vert	Carl Zeiss	000000-1879-242	Each	$57.78	4.0%	$55.47
Science Laboratory and Teaching Supplies	380059-1660-000	Bulb 12V 100W Halogen Rectangular Filament	Carl Zeiss	380059-1660-000	Each	$37.45	4.0%	$35.95
Science Laboratory and Teaching Supplies	380143-1350-000	Bulb 6V 20W Halogen - ID03 & Stemi Trans 455140	Carl Zeiss	380143-1350-000	Each	$21.40	4.0%	$20.54
Science Laboratory and Teaching Supplies	415500-1901-000	Bulb 6V 30W Halogen for Primo	Carl Zeiss	415500-1901-000	Each	$21.40	4.0%	$20.54
Science Laboratory and Teaching Supplies	417053-0000-000	Bulb 15V 150W Halogen Reflector (D)	Carl Zeiss	417053-0000-000	Each	$31.03	4.0%	$29.79
Science Laboratory and Teaching Supplies	000000-0525-316	Lamp HXP 200, spare (D) average lifetime 2000h	Carl Zeiss	000000-0525-316	Each	$1,015.43	4.0%	$974.81
Science Laboratory and Teaching Supplies	380301-9350-000	Burner Mercury - HBO 103 W/2 (F)	Carl Zeiss	380301-9350-000	Each	$271.78	4.0%	$260.91
Science Laboratory and Teaching Supplies	423052-9061-000	LED module 505 nm for Colibri	Carl Zeiss	423052-9061-000	Each	$776.82	4.0%	$745.75
Science Laboratory and Teaching Supplies	423052-9512-000	LED module 365 nm for Axio	Carl Zeiss	423052-9512-000	Each	$2,069.38	4.0%	$1,986.60
Science Laboratory and Teaching Supplies	423052-9522-000	LED module 625 nm with excitation filter BP631/33 and ACR chip Red (625 nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes average LED lifetime > 60000 hrs.	Carl Zeiss	423052-9522-000	Each	$977.98	4.0%	$938.86
Science Laboratory and Teaching Supplies	423052-9543-000	LED module 590 nm with excitation filter BP591/27 and ACR chip Yellow (590nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Average LED lifetime > 60000 hrs	Carl Zeiss	423052-9543-000	Each	$1,084.98	4.0%	$1,041.58
Science Laboratory and Teaching Supplies	423052-9552-000	LED module 530 nm for Axio	Carl Zeiss	423052-9552-000	Each	$1,163.09	4.0%	$1,116.57
Science Laboratory and Teaching Supplies	423052-9562-000	LED module 505 nm with excitation filter BP511/44 and ACR chip Cyan (505 nm) for excitation of eYFP, Eosin, TOTO-1 and similar dyes average LED lifetime > 60000 hrs.	Carl Zeiss	423052-9562-000	Each	$981.19	4.0%	$941.94
Science Laboratory and Teaching Supplies	423052-9573-000	LED module 470 nm with excitation filter BP469/38 and ACR chip Blue (470 nm) for excitation of eGFP, Flu04, FITC and similar dyes average LED lifetime > 60000 hrs.	Carl Zeiss	423052-9573-000	Each	$981.19	4.0%	$941.94
Science Laboratory and Teaching Supplies	423052-9593-000	LED-Modul 385 nm with excitation filter BP385/30 and ACR chip UV (385 nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes average LED lifetime > 40000 hrs.	Carl Zeiss	423052-9593-000	Each	$1,458.41	4.0%	$1,400.07
Science Laboratory and Teaching Supplies	423052-9602-000	LED module 565 nm with excitation filter BP555/30 and ACR chip Green (565 nm) for excitation of Cy3, TRITC, DsRed and similar dyes average LED lifetime > 60000 hrs.	Carl Zeiss	423052-9602-000	Each	$981.19	4.0%	$941.94
Science Laboratory and Teaching Supplies	423052-9621-000	LED module 445 nm for Axio	Carl Zeiss	423052-9621-000	Each	$1,091.40	4.0%	$1,047.74
Science Laboratory and Teaching Supplies	000000-0482-730	Bulb mercury short-arc HXP 120 (D) average lifetime 2000 h	Carl Zeiss	000000-0482-730	Each	$1,286.14	4.0%	$1,234.69
Science Laboratory and Teaching Supplies	000000-1313-161	X-Cite 120 Collimating Adapter, 35 mm (D)	Carl Zeiss	000000-1313-161	Each	$1,457.34	4.0%	$1,399.05
Science Laboratory and Teaching Supplies	432610-9040-000	Power Supply, external for HAL 100 and LED lamps, CAN connect stabilized, 90...246V/50...60Hz/225VA, 0...12V DC. Control via CAN-BUS/stand and/or via software. With country-specific line cable.	Carl Zeiss	432610-9040-000	Each	$1,014.36	4.0%	$973.79
Science Laboratory and Teaching Supplies	432610-9060-000	Power supply external for HAL 100 and LED lamps stabilized, 90...246V/50...60Hz/225VA, 0...12V DC. Incl. 2 lamp sockets for HAL 100/VIS-LED with switch. With country-specific line cable.	Carl Zeiss	432610-9060-000	Each	$837.81	4.0%	$804.30

Science Laboratory and Teaching Supplies	000000-1103-709	External power supply 12V 1.25A Wide-range power unit for line voltages between 90 and 264 V AC, with country-specific adapter	Carl Zeiss	000000-1103-709	Each	$134.82	4.0%	$129.43
Science Laboratory and Teaching Supplies	432604-9902-000	Power supply unit for HBO 100, 90...250V, 50...60Hz, 265 VA with resettable hour meter at the front	Carl Zeiss	432604-9902-000	Each	$2,759.53	4.0%	$2,649.15
Science Laboratory and Teaching Supplies	432607-0000-000	Power supply unit for HBO 50 100...240V, 50...60 Hz, 90VA	Carl Zeiss	432607-0000-000	Each	$765.05	4.0%	$734.45
Science Laboratory and Teaching Supplies	432905-0000-000	Control panel with LCD display for FluoArc	Carl Zeiss	432905-0000-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	415500-1814-000	Battery supply unit for Primo Star Fluorescence iLED or LED (D) consisting of battery and charger in one unit, for power supply via the line or a battery, with country-specific adapters, for reflected-light FL illuminaton iLED or/and LED transmitted-light illumination (not suitable for HAL), including 5x NiMH battery, 5000mAh	Carl Zeiss	415500-1814-000	Each	$306.02	4.0%	$293.78
Science Laboratory and Teaching Supplies	435422-9090-000	Adapter Cable K 12V (D) - 2 m cable with cigarette-lighter plug - For stands K EDU/LAB/MAT, stand M LED, stands C/C LED and controller K LED	Carl Zeiss	435422-9090-000	Each	$171.20	4.0%	$164.35
Science Laboratory and Teaching Supplies	432909-9901-000	Converter CAN - USB Rev.2 (D) Interface for components with CAN to USB PC Sockets: 1x CAN, 1x USB, 24 V Included accessories: power supply 100 - 240 V with country specific plug, USB cable	Carl Zeiss	432909-9901-000	Each	$520.02	4.0%	$499.22
Science Laboratory and Teaching Supplies	432927-9050-000	4-position CAN hub for microscope stands with CAN interface for the connection of up to 4 components with CAN connector to a CAN interface on microscope stands Axio Observer 3 / 5 / 7 / D1 / Z1 and Axio Imager M1 / Z1, M2 / Z2 and Z2 Vario	Carl Zeiss	432927-9050-000	Each	$144.45	4.0%	$138.67
Science Laboratory and Teaching Supplies	426924-9000-000	DIC prism 0, I and II; 5x, 10x, 20x for modulator turret for objectives EC PN 5x/0.16 DIC 0, EC PN 10x/0.3 DIC I, EC PN 20x/0.5 DIC II, PA 20x/0.8 DIC II	Carl Zeiss	426924-9000-000	Each	$1,387.79	4.0%	$1,332.28
Science Laboratory and Teaching Supplies	426960-0000-000	DIC slider EC PN 5x/0.16 0, W N-ACP 10x/0.3 I	Carl Zeiss	426960-0000-000	Each	$1,064.65	4.0%	$1,022.06
Science Laboratory and Teaching Supplies	000000-1045-073	DIC slider Plan-Apo 10x/0.45 II	Carl Zeiss	000000-1045-073	Each	$4,180.49	4.0%	$4,013.27
Science Laboratory and Teaching Supplies	426924-9050-000	DIC prism II HC 100x for modulator turret for objective alpha Plan-Apochromat 100x/1.46	Carl Zeiss	426924-9050-000	Each	$2,098.27	4.0%	$2,014.34
Science Laboratory and Teaching Supplies	426940-0000-000	DIC slider EC PN 10x/0.30 I, 20x/0.50 II, PA 20x/0.80 II	Carl Zeiss	426940-0000-000	Each	$3,730.02	4.0%	$3,580.82
Science Laboratory and Teaching Supplies	426947-0000-000	DIC slider LCI PN 25x/0.8 II	Carl Zeiss	426947-0000-000	Each	$1,920.65	4.0%	$1,843.82
Science Laboratory and Teaching Supplies	426949-0000-000	DIC slider PA 100x/1.4 HC II	Carl Zeiss	426949-0000-000	Each	$1,542.94	4.0%	$1,481.22
Science Laboratory and Teaching Supplies	426949-9000-000	DIC slider Plan-Apochromat 100x/1.4 HC II	Carl Zeiss	426949-9000-000	Each	$2,080.08	4.0%	$1,996.88
Science Laboratory and Teaching Supplies	426952-0000-000	DIC slider PA 63x/1.4 HC II	Carl Zeiss	426952-0000-000	Each	$2,225.60	4.0%	$2,136.58
Science Laboratory and Teaching Supplies	426954-0000-000	DIC slider LD PN 20x/0.40 II	Carl Zeiss	426954-0000-000	Each	$2,503.80	4.0%	$2,403.65
Science Laboratory and Teaching Supplies	426955-0000-000	DIC slider LD PN 40x/0.60 II	Carl Zeiss	426955-0000-000	Each	$2,638.62	4.0%	$2,533.08
Science Laboratory and Teaching Supplies	426956-0000-000	DIC slider LD PN 63x/0.75 II	Carl Zeiss	426956-0000-000	Each	$2,732.78	4.0%	$2,623.47
Science Laboratory and Teaching Supplies	426967-9020-000	DIC slider W PA 40x/1.0 II HC	Carl Zeiss	426967-9020-000	Each	$1,394.21	4.0%	$1,338.44
Science Laboratory and Teaching Supplies	426967-9050-000	DIC slider W N Achroplan 40x/0.75 II	Carl Zeiss	426967-9050-000	Each	$1,996.62	4.0%	$1,916.76
Science Laboratory and Teaching Supplies	426968-9060-000	DIC slider N-Achroplan 20x/0.45 II	Carl Zeiss	426968-9060-000	Each	$2,042.63	4.0%	$1,960.92
Science Laboratory and Teaching Supplies	426968-9070-000	DIC slider N-Achroplan 40x/0.65 II	Carl Zeiss	426968-9070-000	Each	$2,042.63	4.0%	$1,960.92
Science Laboratory and Teaching Supplies	426924-9010-000	DIC prism III 40x for modulator turret for objectives EC PN 40x/0.75, EC PN 40x/1.30, PA 40x/1.30, PA 40x/0.95, W PA 40x/1.0, PA 40x/1.0	Carl Zeiss	426924-9010-000	Each	$1,417.75	4.0%	$1,361.04
Science Laboratory and Teaching Supplies	426924-9020-000	DIC prism III HR 63x for modulator turret for objective PA 63x/1.4	Carl Zeiss	426924-9020-000	Each	$1,387.79	4.0%	$1,332.28
Science Laboratory and Teaching Supplies	426924-9040-000	DIC prism III HR 100x for modulator turret for objective alpha Plan-Apochromat 100x/1.46	Carl Zeiss	426924-9040-000	Each	$1,388.86	4.0%	$1,333.31
Science Laboratory and Teaching Supplies	426941-0000-000	DIC slider PA 100x/1.40 III	Carl Zeiss	426941-0000-000	Each	$1,749.45	4.0%	$1,679.47
Science Laboratory and Teaching Supplies	426941-9000-000	DIC slider Plan-Apochromat 100x/1.4 III	Carl Zeiss	426941-9000-000	Each	$2,400.01	4.0%	$2,304.01
Science Laboratory and Teaching Supplies	426944-0000-000	DIC slider EC PN and Fluar 40x/1.30 III, PA 40x/0.95 III	Carl Zeiss	426944-0000-000	Each	$4,326.01	4.0%	$4,152.97
Science Laboratory and Teaching Supplies	426945-0000-000	DIC slider EC PN 40x/0.75 II, EC PN 100x/1.30 III	Carl Zeiss	426945-0000-000	Each	$3,730.02	4.0%	$3,580.82
Science Laboratory and Teaching Supplies	426946-0000-000	DIC slider EC PN 63x1.25 III, CA 63x/1.2 W III	Carl Zeiss	426946-0000-000	Each	$2,025.51	4.0%	$1,944.49
Science Laboratory and Teaching Supplies	426947-9000-000	DIC slider LD LCI PApo 40x/1.2 III	Carl Zeiss	426947-9000-000	Each	$2,275.89	4.0%	$2,184.85
Science Laboratory and Teaching Supplies	426947-9010-000	DIC slider LD LCI PApo 63x/1.2 III	Carl Zeiss	426947-9010-000	Each	$2,275.89	4.0%	$2,184.85
Science Laboratory and Teaching Supplies	426948-0000-000	DIC slider CA 40x/1.2 W, LD CA 40x/1.1 W III	Carl Zeiss	426948-0000-000	Each	$5,153.12	4.0%	$4,947.00
Science Laboratory and Teaching Supplies	426957-0000-000	DIC slider PA 63x/1.40 III	Carl Zeiss	426957-0000-000	Each	$2,036.21	4.0%	$1,954.76
Science Laboratory and Teaching Supplies	426957-9000-000	DIC slider C Plan-Apochromat 63x/1.4 III	Carl Zeiss	426957-9000-000	Each	$1,223.01	4.0%	$1,174.09
Science Laboratory and Teaching Supplies	426959-0000-000	DIC slider LCI PN 63x/1.30 III	Carl Zeiss	426959-0000-000	Each	$1,537.59	4.0%	$1,476.09
Science Laboratory and Teaching Supplies	426961-0000-000	DIC slider W PA 63x/1.0 III	Carl Zeiss	426961-0000-000	Each	$1,074.28	4.0%	$1,031.31
Science Laboratory and Teaching Supplies	426963-0000-000	DIC slider PA 100x/1.46 III	Carl Zeiss	426963-0000-000	Each	$1,935.63	4.0%	$1,858.20
Science Laboratory and Teaching Supplies	426965-0000-000	DIC slider PA 40x/1.3 III	Carl Zeiss	426965-0000-000	Each	$1,935.63	4.0%	$1,858.20
Science Laboratory and Teaching Supplies	426965-9000-000	DIC slider C Plan-Apochromat 40x/1.3 III	Carl Zeiss	426965-9000-000	Each	$1,410.26	4.0%	$1,353.85
Science Laboratory and Teaching Supplies	426967-9000-000	DIC slider Senarmont 75 W PA 20x/1.0 III for use with Axio Examiner only	Carl Zeiss	426967-9000-000	Each	$2,341.16	4.0%	$2,247.51
Science Laboratory and Teaching Supplies	426967-9010-000	DIC slider W PA 40x/1.0 III	Carl Zeiss	426967-9010-000	Each	$2,027.65	4.0%	$1,946.54
Science Laboratory and Teaching Supplies	426967-9080-000	DIC slider PA 100x/1.57 III	Carl Zeiss	426967-9080-000	Each	$1,907.81	4.0%	$1,831.50

Science Laboratory and Teaching Supplies	426968-9000-000	DIC slider PA 150x/1.35 III	Carl Zeiss	426968-9000-000	Each	$1,509.77	4.0%	$1,449.38
Science Laboratory and Teaching Supplies	426968-9010-000	DIC slider EC PN 40x/0.9 III	Carl Zeiss	426968-9010-000	Each	$1,669.20	4.0%	$1,602.43
Science Laboratory and Teaching Supplies	426968-9090-000	DIC slider N-Achroplan 63x/0.85 III	Carl Zeiss	426968-9090-000	Each	$2,152.84	4.0%	$2,066.73
Science Laboratory and Teaching Supplies	444465-0000-000	DIC slider Achroplan 40x/0.80 W III	Carl Zeiss	444465-0000-000	Each	$1,927.07	4.0%	$1,849.99
Science Laboratory and Teaching Supplies	426968-9130-000	DIC slider C EP-Apo 10x/0.4 Epi	Carl Zeiss	426968-9130-000	Each	$1,220.87	4.0%	$1,172.04
Science Laboratory and Teaching Supplies	000000-1170-899	DIC slider EC EPN 5x/0.13 / 10x/0.25 / 20x/0.50	Carl Zeiss	000000-1170-899	Each	$2,607.59	4.0%	$2,503.29
Science Laboratory and Teaching Supplies	426968-9020-000	DIC slider EC EP 5x/0.13, 10x/0.2, 20x/0.4 Epi+	Carl Zeiss	426968-9020-000	Each	$1,530.10	4.0%	$1,468.90
Science Laboratory and Teaching Supplies	426968-9100-000	DIC slider EC EP 5x/0.13; 10x/0.2; 20x/0.4 Epi+	Carl Zeiss	426968-9100-000	Each	$1,485.16	4.0%	$1,425.75
Science Laboratory and Teaching Supplies	426968-9140-000	DIC slider C EP-Apo 20x/0.7 Epi	Carl Zeiss	426968-9140-000	Each	$1,694.88	4.0%	$1,627.08
Science Laboratory and Teaching Supplies	000000-1170-901	DIC slider EC EPN 50x/0.80 and 100x/0.90 HR	Carl Zeiss	000000-1170-901	Each	$2,607.59	4.0%	$2,503.29
Science Laboratory and Teaching Supplies	000000-1210-957	DIC slider LD EC EPN 20x/0.22 and 50x/0.55	Carl Zeiss	000000-1210-957	Each	$2,607.59	4.0%	$2,503.29
Science Laboratory and Teaching Supplies	426968-9030-000	DIC slider EC EP 50x/0.7 Epi+	Carl Zeiss	426968-9030-000	Each	$2,059.75	4.0%	$1,977.36
Science Laboratory and Teaching Supplies	426968-9110-000	DIC slider EC EP 40x/0.6 Epi+	Carl Zeiss	426968-9110-000	Each	$1,288.28	4.0%	$1,236.75
Science Laboratory and Teaching Supplies	426968-9150-000	DIC slider C EP-Apo 50x/0.95 Epi	Carl Zeiss	426968-9150-000	Each	$1,694.88	4.0%	$1,627.08
Science Laboratory and Teaching Supplies	000000-1170-902	DIC slider EC EPN 100x/0.90/50x/0.80 HC/LD EC EPN 100x/0.75	Carl Zeiss	000000-1170-902	Each	$2,607.59	4.0%	$2,503.29
Science Laboratory and Teaching Supplies	426968-9040-000	DIC slider EC EP 100x/0.8 Epi+	Carl Zeiss	426968-9040-000	Each	$2,080.08	4.0%	$1,996.88
Science Laboratory and Teaching Supplies	426980-9000-000	Slider PlasDIC for A-Plan 20x/0.45	Carl Zeiss	426980-9000-000	Each	$1,056.09	4.0%	$1,013.85
Science Laboratory and Teaching Supplies	426980-9020-000	Slider PlasDIC for A-Plan 10x/0.25	Carl Zeiss	426980-9020-000	Each	$1,022.92	4.0%	$982.00
Science Laboratory and Teaching Supplies	426980-9030-000	Slider PlasDIC for A-Plan 40x/0.65	Carl Zeiss	426980-9030-000	Each	$1,087.12	4.0%	$1,043.64
Science Laboratory and Teaching Supplies	426980-9060-000	Slider PlasDIC for LD A-Plan 10x-63x	Carl Zeiss	426980-9060-000	Each	$890.24	4.0%	$854.63
Science Laboratory and Teaching Supplies	426980-9070-000	Slider PlasDIC for A-Plan 63x/0.8	Carl Zeiss	426980-9070-000	Each	$836.74	4.0%	$803.27
Science Laboratory and Teaching Supplies	444501-0000-000	Slider PlasDIC LD A-Plan 20x/0.30	Carl Zeiss	444501-0000-000	Each	$915.92	4.0%	$879.28
Science Laboratory and Teaching Supplies	444503-0000-000	Slider PlasDIC LD A-Plan 32x/0.40	Carl Zeiss	444503-0000-000	Each	$915.92	4.0%	$879.28
Science Laboratory and Teaching Supplies	444504-0000-000	PlasDIC slider for LD PN 20x/0.40 corr	Carl Zeiss	444504-0000-000	Each	$1,531.17	4.0%	$1,469.92
Science Laboratory and Teaching Supplies	444505-0000-000	PlasDIC slider for LD PN 40x/0.60 corr	Carl Zeiss	444505-0000-000	Each	$1,566.48	4.0%	$1,503.82
Science Laboratory and Teaching Supplies	444506-0000-000	PlasDIC slider for LD PN 63x/0.75 corr	Carl Zeiss	444506-0000-000	Each	$1,619.98	4.0%	$1,555.18
Science Laboratory and Teaching Supplies	000000-1105-190	TIC slider 6x20 with rotary slide-in DIC prism for the measurement of step heights	Carl Zeiss	000000-1105-190	Each	$2,087.57	4.0%	$2,004.07
Science Laboratory and Teaching Supplies	000000-1105-192	C-DIC slider 6x20 for EC EPN 5x-20x/LD EC EPN 20x-50x/EC EP 5x-100x with rotary slide-in DIC prism	Carl Zeiss	000000-1105-192	Each	$3,260.29	4.0%	$3,129.88
Science Laboratory and Teaching Supplies	000000-1105-193	C-DIC slider 6x20 for EC EPN 50x-100x/LD EC EPN 100x with rotary slide-in DIC prism	Carl Zeiss	000000-1105-193	Each	$3,260.29	4.0%	$3,129.88
Science Laboratory and Teaching Supplies	426921-0000-000	C-DIC prism for modulator turret for EC EP 5x-100x/EC EPN 5x-20x/ LD EC EPN 20x-50x and EC EPA 10x-20x	Carl Zeiss	426921-0000-000	Each	$2,221.32	4.0%	$2,132.47
Science Laboratory and Teaching Supplies	426922-0000-000	C-DIC prism for modulator turret for EC EPN 50x-100x/LD EC EPN 100x and EC EPA 50x-100x	Carl Zeiss	426922-0000-000	Each	$2,221.32	4.0%	$2,132.47
Science Laboratory and Teaching Supplies	426923-9901-000	TIC prism for modulator turret for EC EPN 5x-100x	Carl Zeiss	426923-9901-000	Each	$2,906.12	4.0%	$2,789.88
Science Laboratory and Teaching Supplies	000000-1246-773	Slit-diaphragm 3.5mm for PlasDIC	Carl Zeiss	000000-1246-773	Each	$97.37	4.0%	$93.48
Science Laboratory and Teaching Supplies	424703-0000-000	4-position modulator turret for circular DIC/TIC 3 positions for DIC/TIC prisms, 1 position for bright field/dark field	Carl Zeiss	424703-0000-000	Each	$1,894.97	4.0%	$1,819.17
Science Laboratory and Teaching Supplies	424704-9902-000	4-position modulator turret mot. for circular DIC/TIC 3 positions for DIC/TIC prisms, 1 position for brightfield/darkfield	Carl Zeiss	424704-9902-000	Each	$2,880.44	4.0%	$2,765.22
Science Laboratory and Teaching Supplies	424705-0000-000	Compensator mount 6x20	Carl Zeiss	424705-0000-000	Each	$349.89	4.0%	$335.89
Science Laboratory and Teaching Supplies	424706-0000-000	Compensator mount 6x20 with DF stop	Carl Zeiss	424706-0000-000	Each	$577.80	4.0%	$554.69
Science Laboratory and Teaching Supplies	424707-9001-000	4-position modulator turret mot. for transmitted-light DIC 3 positions for DIC prisms, 1 position for bright field	Carl Zeiss	424707-9001-000	Each	$4,232.92	4.0%	$4,063.60
Science Laboratory and Teaching Supplies	426715-9000-000	Slit-diaphragm 2mm for PlasDIC for integration into the modulator disk	Carl Zeiss	426715-9000-000	Each	$78.11	4.0%	$74.99
Science Laboratory and Teaching Supplies	426715-9010-000	Slit-diaphragm 4.5mm for PlasDIC for integration into the modulator disk	Carl Zeiss	426715-9010-000	Each	$78.11	4.0%	$74.99
Science Laboratory and Teaching Supplies	426717-9110-000	Slit diaphragm 3.5 mm PlasDIC for condenser (10x-40x)	Carl Zeiss	426717-9110-000	Each	$47.08	4.0%	$45.20
Science Laboratory and Teaching Supplies	426717-9120-000	Slit diaphragm 5 mm PlasDIC for condenser (40x/63x)	Carl Zeiss	426717-9120-000	Each	$50.29	4.0%	$48.28
Science Laboratory and Teaching Supplies	426717-9330-000	Slit diaphragm 3.5 mm PlasDIC for slider (10x-40x)	Carl Zeiss	426717-9330-000	Each	$53.50	4.0%	$51.36
Science Laboratory and Teaching Supplies	426717-9340-000	Slit diaphragm 5 mm PlasDIC for slider (40x/63x)	Carl Zeiss	426717-9340-000	Each	$53.50	4.0%	$51.36
Science Laboratory and Teaching Supplies	426980-9040-000	PlasDIC module LD A-Plan 10x-63x for contrast slider 10x29 mm	Carl Zeiss	426980-9040-000	Each	$1,500.14	4.0%	$1,440.13
Science Laboratory and Teaching Supplies	426980-9080-000	PlasDIC module LD A-Plan 10x-63x for contrast slider 10x29mm for Axio Observer 3 / 5	Carl Zeiss	426980-9080-000	Each	$2,496.31	4.0%	$2,396.46
Science Laboratory and Teaching Supplies	426980-9090-000	PlasDIC module LD PN 20x, 40x for contrast slider 10x29mm for Axio Observer 3 / 5	Carl Zeiss	426980-9090-000	Each	$2,496.31	4.0%	$2,396.46
Science Laboratory and Teaching Supplies	426980-9540-000	PlasDIC module LD A-Plan 10x-63x Module Consisting of: PlasDIC module LD A-Plan 10x-63x for contrast slider 10x29 mm	Carl Zeiss	426980-9540-000	Each	$1,500.14	4.0%	$1,440.13
Science Laboratory and Teaching Supplies	000000-1005-862	Analyzer slider, fixed with 2 additional filter positions dia. 32 mm	Carl Zeiss	000000-1005-862	Each	$625.95	4.0%	$600.91
Science Laboratory and Teaching Supplies	000000-1005-863	Analyzer slider +/- 30° for DIC (Sénarmont with Lambda/4 plate) with one additional filter position dia. 32 mm	Carl Zeiss	000000-1005-863	Each	$1,815.79	4.0%	$1,743.16
Science Laboratory and Teaching Supplies	415501-1806-000	Analyzer D for Primostar 3	Carl Zeiss	415501-1806-000	Each	$159.43	4.0%	$153.05

Science Laboratory and Teaching Supplies	424921-9010-000	Analyzer module DIC tansmitted light ACR P&C shift free, modulator turr.	Carl Zeiss	424921-9010-000	Each	$1,030.41	4.0%	$989.19
Science Laboratory and Teaching Supplies	424921-9901-000	Analyzer module DIC ACR P&C for transmitted light optimized for DIC in transmitted light, not suitable for polarization	Carl Zeiss	424921-9901-000	Each	$620.60	4.0%	$595.78
Science Laboratory and Teaching Supplies	424932-9901-000	Analyzer module DIC ACR P&C shift free for transmitted light optimized for DIC in transmitted light, not suitable for polarization. Pol filter for imaging free from pixel shift, almost without wedge error.	Carl Zeiss	424932-9901-000	Each	$1,488.37	4.0%	$1,428.84
Science Laboratory and Teaching Supplies	424937-9901-000	Analyzer module Pol ACR P&C for transmitted light	Carl Zeiss	424937-9901-000	Each	$618.46	4.0%	$593.72
Science Laboratory and Teaching Supplies	424941-9020-000	Analyzer module D P&C for IR-DIC 770 nm	Carl Zeiss	424941-9020-000	Each	$824.97	4.0%	$791.97
Science Laboratory and Teaching Supplies	428102-0000-000	Analyzer slider D/A with lambda-plate rotatable 360° position 1 with analyzer fixed and lambda plate 360° rotatable, position 2 with clear aperture to allow mounting of filters with dia. 32 mm	Carl Zeiss	428102-0000-000	Each	$3,178.97	4.0%	$3,051.81
Science Laboratory and Teaching Supplies	428108-9000-000	Analyzer fixed for contrast slider 10x29 mm	Carl Zeiss	428108-9000-000	Each	$309.23	4.0%	$296.86
Science Laboratory and Teaching Supplies	428112-9000-000	Analyzer DIC for Dual filter wheel optimized for DIC in transmitted light, not suitable for polarization	Carl Zeiss	428112-9000-000	Each	$1,328.94	4.0%	$1,275.78
Science Laboratory and Teaching Supplies	453663-9901-000	Analyzer slider D/A with lambda-plate, each rotatable +/- 10° position 1 with analyzer and Lambda plate each rotatable by +/- 10°, position 2 with clear aperture to allow mounting of filters with dia. 32 mm	Carl Zeiss	453663-9901-000	Each	$3,370.50	4.0%	$3,235.68
Science Laboratory and Teaching Supplies	453667-9901-000	Analyzer slider A 12x35 mm, 90° rotatable - mount for lambda compensators - retractable from both sides	Carl Zeiss	453667-9901-000	Each	$1,090.33	4.0%	$1,046.72
Science Laboratory and Teaching Supplies	453681-0000-000	Analyzer slide D fixed with lambda plate, 6x20	Carl Zeiss	453681-0000-000	Each	$1,018.64	4.0%	$977.89
Science Laboratory and Teaching Supplies	000000-1005-864	Polarizer D with 2-position filter changer	Carl Zeiss	000000-1005-864	Each	$846.37	4.0%	$812.52
Science Laboratory and Teaching Supplies	000000-1121-813	Polarizer D, rotatable with color glass carrier	Carl Zeiss	000000-1121-813	Each	$1,449.85	4.0%	$1,391.86
Science Laboratory and Teaching Supplies	415501-1805-000	Polarizer D for Primostar 3	Carl Zeiss	415501-1805-000	Each	$159.43	4.0%	$153.05
Science Laboratory and Teaching Supplies	427703-9010-000	Circular-polarization-set TL for Axioscan 7 Consisting of: - Circular polarizer for condenser - Analyzator module POL TL ACR P&C	Carl Zeiss	427703-9010-000	Each	$5,931.01	4.0%	$5,693.77
Science Laboratory and Teaching Supplies	427703-9902-000	Circular polarizing equipment D ACR, with rotatable lambda/4 plate for transmitted light, including reflector module Lambda/4, ACR P <(>&<)>C. In addition an analyzer slider D/A is required.	Carl Zeiss	427703-9902-000	Each	$3,163.99	4.0%	$3,037.43
Science Laboratory and Teaching Supplies	427707-0000-000	Polarizer D, 90° rotatable with color filter carrier	Carl Zeiss	427707-0000-000	Each	$1,371.74	4.0%	$1,316.87
Science Laboratory and Teaching Supplies	427708-9901-000	Polarizer slider for LED illumination transmitted light including diffusion disk with 10° divergence angle. The slider can also be used as shutter against interfering autofluorescence of the LEDs in epi-fluorescence applications.	Carl Zeiss	427708-9901-000	Each	$650.56	4.0%	$624.54
Science Laboratory and Teaching Supplies	427710-9010-000	Senarmont polarizer DIC	Carl Zeiss	427710-9010-000	Each	$1,423.10	4.0%	$1,366.18
Science Laboratory and Teaching Supplies	427710-9020-000	Senarmont polarizer IR-DIC 770 nm	Carl Zeiss	427710-9020-000	Each	$1,807.23	4.0%	$1,734.94
Science Laboratory and Teaching Supplies	427710-9030-000	Senarmont polarizer DIC/VIS-IR 770 nm	Carl Zeiss	427710-9030-000	Each	$2,267.33	4.0%	$2,176.64
Science Laboratory and Teaching Supplies	427710-9050-000	Polarizer D for condensers 0,8 and 0,9 for use into a DIC position	Carl Zeiss	427710-9050-000	Each	$729.74	4.0%	$700.55
Science Laboratory and Teaching Supplies	427710-9070-000	Polarizer D, fixed for modulator disk	Carl Zeiss	427710-9070-000	Each	$576.73	4.0%	$553.66
Science Laboratory and Teaching Supplies	428109-9000-000	Polarizer slider D 10x46 mm, 90° rotatable - for LD condenser 0.4 for H Ph PlasDIC DIC iHMC	Carl Zeiss	428109-9000-000	Each	$730.81	4.0%	$701.58
Science Laboratory and Teaching Supplies	445226-0000-000	Polarizer fixed with lambda plate rotatable	Carl Zeiss	445226-0000-000	Each	$831.39	4.0%	$798.13
Science Laboratory and Teaching Supplies	453623-0000-000	Circular polarizer D including slider 6x20 with compensator Lambda/4	Carl Zeiss	453623-0000-000	Each	$2,029.79	4.0%	$1,948.60
Science Laboratory and Teaching Supplies	473600-0000-000	Polarizing filter 32 mm	Carl Zeiss	473600-0000-000	Each	**$463.31**	4.0%	$444.78
Science Laboratory and Teaching Supplies	427704-9901-000	Polarizer slider for reflected light, 360° rotatable for Axio Imager	Carl Zeiss	427704-9901-000	Each	$2,865.46	4.0%	$2,750.84
Science Laboratory and Teaching Supplies	427710-9000-000	Polarizer slider A 6x30 mm, 90° rotatable usable with reflected-light illuminator HD DIC	Carl Zeiss	427710-9000-000	Each	**$1,236.92**	4.0%	$1,187.44
Science Laboratory and Teaching Supplies	427710-9060-000	Polarizer slider RL 6x30 mm, 90° rotatable usable with reflected-light illuminator HD Pol FL on the Axio Observer	Carl Zeiss	427710-9060-000	Each	$1,223.01	4.0%	$1,174.09
Science Laboratory and Teaching Supplies	435526-9060-000	Polarizer, rotatable incl. Analyzer (G) usable on Smartzoom 5 Objectives PlanApo 0,5x; 1,6x and 5,0x	Carl Zeiss	435526-9060-000	Each	**$2,831.22**	4.0%	$2,717.97
Science Laboratory and Teaching Supplies	000000-1115-698	Tilting compensator K 0-30 Lambda, 6x20 (D)	Carl Zeiss	000000-1115-698	Each	$5,813.31	4.0%	$5,580.78
Science Laboratory and Teaching Supplies	000000-1115-700	Tilting compensator B 0-5 Lambda, 6x20 (D)	Carl Zeiss	000000-1115-700	Each	**$5,511.57**	4.0%	$5,291.11
Science Laboratory and Teaching Supplies	000000-1140-663	Wedge compensator 0-4 Lambda, 6x20 (D)	Carl Zeiss	000000-1140-663	Each	$1,655.29	4.0%	$1,589.08
Science Laboratory and Teaching Supplies	427900-9001-000	Compensator Lambda, 6x20, undetachably	Carl Zeiss	427900-9001-000	Each	**$323.14**	4.0%	$310.21
Science Laboratory and Teaching Supplies	427900-9011-000	Compensator Lambda/4, 6x20, undetachably	Carl Zeiss	427900-9011-000	Each	$310.30	4.0%	$297.89
Science Laboratory and Teaching Supplies	427900-9021-000	Compensator wedge 0-4 Lambda, 6x20, undetachably	Carl Zeiss	427900-9021-000	Each	**$963.00**	4.0%	$924.48
Science Laboratory and Teaching Supplies	453706-0000-000	Compensator pol Lambda sub. +/- 10°	Carl Zeiss	453706-0000-000	Each	$477.22	4.0%	$458.13
Science Laboratory and Teaching Supplies	453707-0000-000	Compensator Lambda	Carl Zeiss	453707-0000-000	Each	**$196.88**	4.0%	$189.00
Science Laboratory and Teaching Supplies	453710-0000-000	Compensator Lambda, rotary, +/-8° 6x20 usable only for transmitted light	Carl Zeiss	453710-0000-000	Each	$543.56	4.0%	$521.82
Science Laboratory and Teaching Supplies	473704-0000-000	Compensator Lambda, 6x20	Carl Zeiss	473704-0000-000	Each	**$480.43**	4.0%	$461.21

Science Laboratory and Teaching Supplies	473714-0000-000	Compensator Lambda/4, 6x20	Carl Zeiss	473714-0000-000	Each	$632.37	4.0%	$607.08
Science Laboratory and Teaching Supplies	424941-9040-000	Bertrand system module Pol P&C with analyzer for objectives N-Achroplan 50x/0.8 Pol and EC Plan-Neofluar 40x/0.9 Pol	Carl Zeiss	424941-9040-000	Each	**$1,295.77**	4.0%	$1,243.94
Science Laboratory and Teaching Supplies	428101-0000-000	Analyzer slider D/A, fixed position 1 with analyzer, position 2 with clear aperture to allow mounting of filters with dia. 32 mm	Carl Zeiss	428101-0000-000	Each	$737.23	4.0%	$707.74
Science Laboratory and Teaching Supplies	428106-9000-000	Quartz depolarizer with tube-lens for tubes Axio Scope.A1 in combination with intermediate plate for analyzer slider 12x46	Carl Zeiss	428106-9000-000	Each	**$1,022.92**	4.0%	$982.00
Science Laboratory and Teaching Supplies	428106-9010-000	Quartz depolarizer with tube-lens for tubes Axioscope	Carl Zeiss	428106-9010-000	Each	$1,235.85	4.0%	$1,186.42
Science Laboratory and Teaching Supplies	428106-9030-000	Quartz depolarizer with tube-lens for tubes Axio Imager	Carl Zeiss	428106-9030-000	Each	**$1,144.90**	4.0%	$1,099.10
Science Laboratory and Teaching Supplies	428106-9040-000	Quarz depolarizer for tubes Primotech	Carl Zeiss	428106-9040-000	Each	$642.00	4.0%	$616.32
Science Laboratory and Teaching Supplies	428108-9021-000	Analyzer slider TL/RL, 360° rotatable, 6x30, undetachably, lockable	Carl Zeiss	428108-9021-000	Each	**$751.14**	4.0%	$721.09
Science Laboratory and Teaching Supplies	428108-9031-000	Polarizer slider RL, fixed 6x30, undetachably	Carl Zeiss	428108-9031-000	Each	$432.28	4.0%	$414.99
Science Laboratory and Teaching Supplies	428108-9050-000	Analyzer slider TL/RL, fixed, 6x30, undetachably	Carl Zeiss	428108-9050-000	Each	$471.87	4.0%	$453.00
Science Laboratory and Teaching Supplies	430038-9010-000	Upgrade Kit polarization for Axio Scan.Z1 - linear polarization for objective 20x optimized consisting of polarizer in condenser LD-achromatic 0,8 H and analyzer module P & C	Carl Zeiss	430038-9010-000	Each	$9,195.58	4.0%	$8,827.76
Science Laboratory and Teaching Supplies	453653-0000-000	Quartz depolarizer d=32 mm	Carl Zeiss	453653-0000-000	Each	$1,226.22	4.0%	$1,177.17
Science Laboratory and Teaching Supplies	453671-0000-000	Bertrand lens slider 12x46 with focusing Bertrand lens for phase contrast and conoscopy	Carl Zeiss	453671-0000-000	Each	$1,938.84	4.0%	$1,861.29
Science Laboratory and Teaching Supplies	453679-0000-000	Pol adjusting aid	Carl Zeiss	453679-0000-000	Each	$111.28	4.0%	$106.83
Science Laboratory and Teaching Supplies	415510-1308-000	Attachable stage enlargement 2x66 mm left and right for Primovert	Carl Zeiss	415510-1308-000	Each	$170.13	4.0%	$163.32
Science Laboratory and Teaching Supplies	432002-9902-000	Mechanical stage 75x50 R with hardcoat anodized surface - 240 x 170 x 18 mm stage plate - coaxial drive right 150 mm, extendable in length by 15 mm, continuous friction setting	Carl Zeiss	432002-9902-000	Each	$1,688.46	4.0%	$1,620.92
Science Laboratory and Teaching Supplies	432017-9901-000	Specimen stage 250x230 mm with hardcoat anodized surface	Carl Zeiss	432017-9901-000	Each	$795.01	4.0%	$763.21
Science Laboratory and Teaching Supplies	432037-9000-000	Specimen stage 232x230 mm with hardcoat anodized surface - Object guide M mountable on both sides	Carl Zeiss	432037-9000-000	Each	$205.44	4.0%	$197.22
Science Laboratory and Teaching Supplies	432037-9500-000	Specimen stage 232x230mm with hardcoat anodized surface, Module Consisting of: Specimen stage 232x230mm with hardcoat anodized surface Object guide M 130x85 R/L for Axiovert - for Axiovert 5/7 and Axio Vert.A1 - for mounting frames M - mountable on both sides without tools Mounting frame Flex M - for microwell plates, flasks and petridishes d=95 mm - for the mounting of Mounting frame inserts Flex M Mounting frame insert Flex M, petridishes - for petridishes d=88 mm, 65 mm, 54 mm,36 mm - for insertion in Mounting frame Flex M Mounting frame insert Flex M, slides and chambers - for object slides 76x26 mm - for chambers (ibidi® µ-SlideTM, Nunc® Lab-TekTM / Lab-TekTM II) - for insertion in Mounting frame Flex M	Carl Zeiss	432037-9500-000	Each	$1,538.66	4.0%	$1,477.11
Science Laboratory and Teaching Supplies	432006-9902-000	Mechanical stage 75x50 L with hardcoat anodized surface - 240 x 170 x 18 mm stage plate - coaxial drive left 150 mm, extendable in length by 15 mm, continuous friction setting	Carl Zeiss	432006-9902-000	Each	$1,688.46	4.0%	$1,620.92
Science Laboratory and Teaching Supplies	432012-9902-000	Mechanical stage 75x50 R 120 mm with hardcoat anodized surface - 240 x 170 x 18 mm stage plate - coaxial drive right 120 mm, extendable in length by 15 mm, continuous friction setting	Carl Zeiss	432012-9902-000	Each	$1,688.46	4.0%	$1,620.92
Science Laboratory and Teaching Supplies	432016-9902-000	Mechanical stage 130x85 R/L for mounting frames K 160 x 110 mm and Z-PIEZO, compatible with objectives autocorr	Carl Zeiss	432016-9902-000	Each	$3,531.00	4.0%	$3,389.76
Science Laboratory and Teaching Supplies	432018-9020-000	Mechanical stage, right transmitted/reflected light, 105x105/85mm (D) for Axio Imager and Axioscope Vario Manual 3-plate mechanical stage for the attachment of mounting frames 160x116mm. Coaxial drive extendable in two steps: 114mm +33 mm vertically adjustable, no tool required for friction setting, drive on the right	Carl Zeiss	432018-9020-000	Each	$3,960.07	4.0%	$3,801.67
Science Laboratory and Teaching Supplies	432035-9000-000	Mechanical stage 75x50 R with hardcoat anodized surface 220 x 170 mm stage plate, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting	Carl Zeiss	432035-9000-000	Each	$578.87	4.0%	$555.72
Science Laboratory and Teaching Supplies	432035-9003-000	Mechanical stage 75x50 R with hardcoat anodized surface 220 x 170 mm stage plate, rackless X-guide positioned at bottom, hidden gear in Y-guide, right drive 135 mm (extendable by 15 mm), with friction setting	Carl Zeiss	432035-9003-000	Each	$505.04	4.0%	$484.84

Science Laboratory and Teaching Supplies	432035-9004-000	Mechanical stage 75x50 R with hardcoat anodized surface - 220 x 150 mm stage plate - rackless X-guide positioned at bottom, hidden gear in Y-guide - right drive 135 mm (extendable by 15 mm), with friction setting	Carl Zeiss	432035-9004-000	Each	$513.60	4.0%	$493.06
Science Laboratory and Teaching Supplies	432035-9011-000	Mechanical stage 75x50 R ergon. drive, fixed position with hardcoat anodized surface, 240 x 157 mm stage plate, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting shiftable by 90 mm in y direction, fixed to required position	Carl Zeiss	432035-9011-000	Each	$1,943.12	4.0%	$1,865.40
Science Laboratory and Teaching Supplies	432035-9014-000	Mechanical stage 75x50 L with hardcoat anodized surface - 220 x 150 mm stage plate - rackless X-guide positioned at bottom, hidden gear in Y-guide - left drive 135 mm (extendable by 15 mm), with adjustable friction setting	Carl Zeiss	432035-9014-000	Each	$513.60	4.0%	$493.06
Science Laboratory and Teaching Supplies	432035-9021-000	Mechanical stage 75x50 R basic, Axio Imager, hardcoat anodized surface 220 x 170 x 18 mm stage plate, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting	Carl Zeiss	432035-9021-000	Each	$818.55	4.0%	$785.81
Science Laboratory and Teaching Supplies	432035-9070-000	Mechanical stage 75x50 R with special surface, high load capacity 220 x 170 mm stage plate with bright, special hardcoat anodized surface for particularly severe stress, covered X-guide positioned at bottom, right drive 135 mm (extendable by 15 mm) with friction setting	Carl Zeiss	432035-9070-000	Each	$692.29	4.0%	$664.60
Science Laboratory and Teaching Supplies	432035-9140-000	Mechanical stage 75x50 L ergon. drive, fixed position with hardcoat anodized surface, 240 x 157 mm stage plate, covered X-guide positioned at bottom, left drive 135 mm (extendable by 15 mm) with friction setting shiftable by 90 mm in y direction, fixed to required position	Carl Zeiss	432035-9140-000	Each	$2,398.94	4.0%	$2,302.98
Science Laboratory and Teaching Supplies	432035-9161-000	Mechanical stage 75x30 L with hardcoat anodized surface, Axio Lab.A1 210 x 145 mm stage plate, covered X-guide positioned at bottom, left drive 135 mm (extendable by 15 mm) with friction setting	Carl Zeiss	432035-9161-000	Each	$602.41	4.0%	$578.31
Science Laboratory and Teaching Supplies	432035-9403-000	Mechanical stage 75x50 R with hardcoat anodized surface, Module Consisting of: 220 x 170 mm stage plate, rackless X-guide positioned at bottom, hidden gear in Y-guide, right drive 135 mm (extendable by 15 mm), with friction setting	Carl Zeiss	432035-9403-000	Each	$505.04	4.0%	$484.84
Science Laboratory and Teaching Supplies	432036-9030-000	Mechanical stage A 300x300 R with stage carrier Axio Imager Vario - manual 3-plate mechanical stage for reflected light - 520x400 mm stage plate - for wafer holder up to 12" - coaxial drive and fast adjustment function	Carl Zeiss	432036-9030-000	Each	$9,792.64	4.0%	$9,400.93
Science Laboratory and Teaching Supplies	432036-9040-000	Mechanical stage A/D 200x200 R with stage carrier Axio Imager Vario - manual 3-plate mechanical stage for reflected light and transmitted light - 438x346 mm stage plate - for 246x246 mm insert plates and wafer holder up to 8" - coaxial drive and fast adjustment function	Carl Zeiss	432036-9040-000	Each	$5,362.84	4.0%	$5,148.33
Science Laboratory and Teaching Supplies	432040-9000-000	Mechanical stage 40x40, IVF for Axio Observer for IVF laboratories (Micromanipulation) - manual 3-plate mechanical stage - stage plate 208 x 283 x 18 mm - receptacle for stage inserts D=115 mm - 157 mm coaxial drive, left or right Including: - Intermediate ring M27 - M27 H "5" (6x) - 3x Spacer 13mm for manual stage (3x)	Carl Zeiss	432040-9000-000	Each	$2,818.38	4.0%	$2,705.64
Science Laboratory and Teaching Supplies	432043-9000-000	Mechanical stage 130x85 R/L for Axiovert - for Axiovert 5 and Axio Vert.A1 - manual 3-plate mechanical stage - for mounting frames K 160 x 110 mm - max. 3 kg sample load	Carl Zeiss	432043-9000-000	Each	$3,086.95	4.0%	$2,963.47
Science Laboratory and Teaching Supplies	432043-9010-000	Mechanical stage 40x40 R/L, reflected light - for Axiovert 5/7 and Axio Vert.A1 - manual 3-plate mechanical stage - opening for stage inserts D=115 mm - max. 3 kg sample load	Carl Zeiss	432043-9010-000	Each	$2,228.81	4.0%	$2,139.66
Science Laboratory and Teaching Supplies	432043-9500-000	Mechanical stage 130x85 R/L for Axiovert, Module Consisting of: Mechanical stage 130x85 R/L - manual 3-plate mechanical stage - for mounting frames K 160 x 110 mm - max. 3 kg sample load Universal mounting frame K for: - Petri dishes dia. 24...68 mm - slides (max. length 120 mm) frame size 160 x 110 mm	Carl Zeiss	432043-9500-000	Each	$3,934.39	4.0%	$3,777.01
Science Laboratory and Teaching Supplies	432043-9510-000	Mechanical stage 40x40 R/L, reflected light, Module Consisting of: Mechanical stage 40x40 R/L - manual 3-plate mechanical stage - opening for stage inserts D=115 mm - max. 3 kg sample load Stage insert, metal; D=115 mm, aperture d=10 mm Stage insert, metal; D=115 mm, aperture d=20 mm Stage insert, metal; D=115 mm, aperture d=30 mm	Carl Zeiss	432043-9510-000	Each	$2,821.59	4.0%	$2,708.73

Science Laboratory and Teaching Supplies	432047-9902-000	Mechanical stage 130x85 R/L with short coaxial drive for mounting frames K 160 x 110 mm and Z-PIEZO, particularly recommended in combination with lateral camera port, compatible with objectives autocorr	Carl Zeiss	432047-9902-000	Each	$3,580.22	4.0%	$3,437.01
Science Laboratory and Teaching Supplies	451227-9902-000	Mechanical stage 40x40, reflected light - manual 3-plate mechanical stage - stage plate 208 x 283 x 18 mm - receptacle for stage inserts D=115 mm - 157 mm coaxial drive, left or right - max. 3 kg sample load	Carl Zeiss	451227-9902-000	Each	$2,172.10	4.0%	$2,085.22
Science Laboratory and Teaching Supplies	453527-9903-000	Mechanical stage 75x50 R for reflected light with hardcoat anodized surface - 290 x 165 mm stage plate, - coaxial drive right 75 mm, 15 mm adjustable in length, with adjustable torque. Suitable for the mounting of objects with a diameter of up to 4". Including 2 stage clamps for the attachment of flat objects.	Carl Zeiss	453527-9903-000	Each	$2,050.12	4.0%	$1,968.12
Science Laboratory and Teaching Supplies	432001-9902-000	Mechanical stage 75x50/240° R with hardcoat anodized surface - 240 x 170 x 18 mm stage plate - coaxial drive right 150 mm, extendable in length by 15 mm, friction setting without any tools	Carl Zeiss	432001-9902-000	Each	$2,744.55	4.0%	$2,634.77
Science Laboratory and Teaching Supplies	432035-9051-000	Mechanical stage 75x50/240° R with hardcoat anodized surface coaxial drive 160 mm, extendable in length by 15 mm, with friction setting	Carl Zeiss	432035-9051-000	Each	$2,265.19	4.0%	$2,174.58
Science Laboratory and Teaching Supplies	451228-4001-000	Glass insert 115 mm, d=10 mm	Carl Zeiss	451228-4001-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	451228-4002-000	Glass insert 115 mm, d=27 mm	Carl Zeiss	451228-4002-000	Each	$317.79	4.0%	$305.08
Science Laboratory and Teaching Supplies	451228-4006-000	**Glass insert 115 mm, d=50 mm**	Carl Zeiss	451228-4006-000	Each	$310.30	4.0%	$297.89
Science Laboratory and Teaching Supplies	471722-9902-000	Gliding stage Z with stage inserts d=24 and 48mm	Carl Zeiss	471722-9902-000	Each	$2,694.26	4.0%	$2,586.49
Science Laboratory and Teaching Supplies	432007-0000-000	Rotary stage Pol 360°, 45° click stops switchable, for Axio Imager scale with 1° dividing with nonius, 0.1° readable; stage insert aperture d=28 mm	Carl Zeiss	432007-0000-000	Each	$5,148.84	4.0%	$4,942.89
Science Laboratory and Teaching Supplies	432035-9131-000	Rotary stage Pol, 360° with 45° clickstops	Carl Zeiss	432035-9131-000	Each	$2,022.30	4.0%	$1,941.41
Science Laboratory and Teaching Supplies	432018-9002-000	Mechanical stage 75x50 R; SCD (D) for Axioscope, Axio Examiner and Axio Imager with hardcoat anodized surface - 240 x 170 x 18 mm stage plate - coaxial drive right 160 mm, extendable in length by 15 mm, continuous friction setting - resolution: 1 µm - absolute accuracy: +/- 5 µm - reproducibility: +/- 1 µm	Carl Zeiss	432018-9002-000	Each	$4,467.25	4.0%	$4,288.56
Science Laboratory and Teaching Supplies	432035-9111-000	Display unit Profiler SCD (D) Touch display for up to three linear coordinates. Resolution: 1µm, Interface: RS232 interface incl. RS232 cable, encoder cable 2 m and power supply 100...240V/47...63Hz 24V / 30W with country specific plug (EU/GB/USA/AUS)	Carl Zeiss	432035-9111-000	Each	$2,181.73	4.0%	$2,094.46
Science Laboratory and Teaching Supplies	432024-9903-000	Mechanical Stage 75x50 mot; CAN (D) for Axio Imager and SteREO - hard coating, linear encoders - stepper motor drive with integrated controller - connection via CAN bus - travel range 75 mm x 50 mm - max speed 100 mm/s - resolution: 0.1 µm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - max sample weight: 1 kg - incl. CAN cable	Carl Zeiss	432024-9903-000	Each	$11,251.05	4.0%	$10,801.01
Science Laboratory and Teaching Supplies	432026-9000-000	Mechanical stage 75x50 mot standard; CAN (D) for Axio Scope, Axio Examiner, Axio Imager and SteREO - with hardcoat anodized surface - stepper motor drive with integrated controller - connection via CAN bus - stage plate 292 x 187 x 18 mm - travel range 75 mm x 50 mm - max speed 100 mm/s - resolution: 0.5 µm - reproducibility: +/- 5 µm - absolute accuracy: +/- 30 µm - max sample weight: 1 kg - incl. CAN cable	Carl Zeiss	432026-9000-000	Each	$9,445.96	4.0%	$9,068.12
Science Laboratory and Teaching Supplies	432039-9200-000	Mechanical stage 80x60 mot standard; CAN (D) for Axioscope 7 -Travel range: 80mm x 60mm - Max. velocity: 25mm/s - Smallest movement: 0.5um - Repeatability : # ±3um (bi-directional, measured according to ISO 230.2) - Accuracy (full range): # ±10um (measured according to ISO 230.2) - Max. payload: 1Kg	Carl Zeiss	432039-9200-000	Each	$8,859.60	4.0%	$8,505.22
Science Laboratory and Teaching Supplies	432022-9903-000	Scanning Stage 130x85 PIEZO (D) for Axio Imager - with linear encoders and piezo drive - travel range 130 mm x 85 mm - max speed 100 mm/s - resolution: 0.1 µm - reproducibility: +/- 0.6 µm - absolute accuracy: +/- 3 µm - travel range adjustable - for mounting frames 160 x 116 mm and Z-PIEZO	Carl Zeiss	432022-9903-000	Each	$13,689.58	4.0%	$13,142.00
Science Laboratory and Teaching Supplies	432023-9902-000	Scanning Stage 225x85; PIEZO (D) for Axio Imager and SteREO - with linear encoders and piezo drive - travel range 225 mm x 85 mm - max speed 100 mm/s - resolution: 0.1 µm - reproducibility: +/- 0.6 µm - absolute accuracy: +/- 3 µm - for mounting frames 313 x 148	Carl Zeiss	432023-9902-000	Each	$14,950.04	4.0%	$14,352.04

Science Laboratory and Teaching Supplies	432027-9002-000	Scanning Stage 130x100 PIEZO (D) for Axio Observer - with linear encoders and piezo drive - travel range 130 mm x 100 mm - max speed 100 mm/s - resolution: 0.1 µm - reproducibility: +/- 0.6 µm - absolute accuracy: +/- 3 µm - travel range adjustable - for mounting frames K 160 x 110 mm and Z PIEZO - compatible with objectives autocorr - compatible with AI Sample Finder	Carl Zeiss	432027-9002-000	Each	$19,741.50	4.0%	$18,951.84
Science Laboratory and Teaching Supplies	432029-9904-000	Scanning Stage 130x100 STEP (D) for Axio Observer and Axiovert 200 - stepper motor with 2 mm spindle pitch - connection to stepper controller - travel range 130 mm x 100 mm - stage surface 325 mm x 144 mm - max speed 50 mm/s - resolution: 0.1 µm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - travel range adjustable - fixed motor cable with exit on stage back side; left - for mounting frames K 160 x 110 mm and Z PIEZO - compatible with objectives autocorr	Carl Zeiss	432029-9904-000	Each	$10,518.10	4.0%	$10,097.38
Science Laboratory and Teaching Supplies	432031-9902-000	Scanning Stage 130x85 mot P; CAN (D) for Axiovert 5/7, Axio Vert.A1, Axio Observer and Axiovert 100/135/200 - stepper motor drive with integrated controller - linear encoders - connection via CAN bus - travel range 130 mm x 85 mm - max speed 100 mm/s - resolution: 0.1 µm - reproducibility: +/- 1 µm - absolute Accuracy: +/- 5 µm - connector for Electronic Coaxial Drive - incl. CAN cable - for mounting frames K 160 x 110 mm and Z-PIEZO	Carl Zeiss	432031-9902-000	Each	$12,696.62	4.0%	$12,188.76
Science Laboratory and Teaching Supplies	432033-9902-000	Scanning Stage 130x85 STEP (D) for Axio Imager - stepper motor with 2 mm spindle pitch - connection to stepper controller - travel range 130 mm x 85 mm - max speed 50 mm/s - resolution: 0.1 µm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - travel range adjustable - fixed motor cable with exit on stage back side; left - for mounting frames 160 x 116 mm and Z-PIEZO	Carl Zeiss	432033-9902-000	Each	$10,517.03	4.0%	$10,096.35
Science Laboratory and Teaching Supplies	432034-9001-000	Scanning Stage 130x85 MAT; CAN (D) for Axio Observer 3 / 5 / 7 materials - stepper motor drive with 2 mm spindle pitch and integrated controller - direct connection via CAN bus - flat surface for huge specimen - travel range: 130 mm x 85 mm (86 mm x 50 mm with HD-objectives) - adjustable limit switches - max speed: 20 mm/s - resolution: 0.1 µm - reproducibility: +/- 1 µm - absolute Accuracy: +/- 5 µm - tiltable holder for Electronic Coaxial Drive - incl. CAN cable - for mounting frames K 160 x 110 mm and Z Piezo - compatible with Axio Observer A1m/D1m/Z1m and Axiovert 100/135/200	Carl Zeiss	432034-9001-000	Each	$18,821.30	4.0%	$18,068.45
Science Laboratory and Teaching Supplies	432036-9010-000	Scanning Stage 300x300 STEP with stage carrier Axio Imager Vario - stepper motor with 4 mm spindle pitch - connection to stepper controller - travel range 300 mm x 300 mm (200 mm x 200 mm at transmitted-light applications) - flat surface 442 mm x 442 mm - max load: 5 kg - max speed 45 mm/s - resolution: 0.2 µm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - for stage inserts 246 x 246 mm	Carl Zeiss	432036-9010-000	Each	$25,016.60	4.0%	$24,015.94
Science Laboratory and Teaching Supplies	432036-9020-000	Scanning Stage 200x200 STEP with stage carrier Axio Imager Vario - stepper motor with 4 mm spindle pitch - connection to stepper controller - travel range 200 mm x 200 mm - flat surface 325 mm x 410 mm - max load: 3 kg - max speed 45 mm/s - resolution: 0.2 µm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - for stage inserts 246 x 246 mm	Carl Zeiss	432036-9020-000	Each	$20,959.16	4.0%	$20,120.79
Science Laboratory and Teaching Supplies	432038-9000-000	Scanning stage D 130x100 STEP (G) - stepper motor with 4 mm spindle pitch - integrated controller - travel range 130 mm x 100 mm - flat surface 310 mm x 223 mm - reproducibility: +/- 1 µm - absolute accuracy: +/- 5 µm - for stage inserts 160 x 116 mm - metal stage insert included	Carl Zeiss	432038-9000-000	Each	$12,741.56	4.0%	$12,231.90
Science Laboratory and Teaching Supplies	000000-0680-105	Linkam WCP Water Circulation Pump (D) for Linkam's range of hot and high temperature stages and Peltier stages Requires T96-S System Controller for PC control Consisting of: Water circulation pump Tubes Dimensions: 360 x 80 x 180 (mm) Weight: 2.2kg (dry, excluding cables and power supply) Capacity Volume: 300 ml Tubing Length: 2x 100 cm External power supply: input: 100-240VAC, 1,0A, 50-60Hz output: 12V/DC, 2,5A, 30W Country specific mains cable	Carl Zeiss	000000-0680-105	Each	$2,274.82	4.0%	$2,183.83
Science Laboratory and Teaching Supplies	000000-1510-344	Linkam Stage Adapter Plate (D) for stages LTS120, LTS420, THMS600, TS1500 and Axio Imager, Axio Scope.A1, Axio Scope Vario, Axioskop 2, Axioskop 40	Carl Zeiss	000000-1510-344	Each	$854.93	4.0%	$820.73

Science Laboratory and Teaching Supplies	000000-2269-123	T96-S System Controller (D) - Supports Linkam heating/freezing stages LTS420, THMS600 and TS1500 - Temperature ramps of up to 200°C/min (dependant on stage attached). - Temperature measurement using a PT100 platinum Sensor with > 0.01°C resolution. - Standard USB interface allows the controller to be connected to a PC. Consisting of: - T96-S Controller - LinkPad - USB cable, country specific power cord	Carl Zeiss	000000-2269-123	Each	$11,750.74	4.0%	$11,280.71
Science Laboratory and Teaching Supplies	000000-2613-867	LNP96 Cooling System for LTS 420 Specifications: - cooling rate from 0.01°C/min - 100°C/min - controlled by the T96 controller Consisting of: - control unit housing the pumps and a Dewar. The LNP96 can be added as an option to several Linkam systems to allow cooling down to <(><<)> -195°C.	Carl Zeiss	000000-2613-867	Each	$8,503.29	4.0%	$8,163.16
Science Laboratory and Teaching Supplies	000000-2613-900	High Temperature Stage TS1500-7/3 - Sample cup 7 mm diameter; 3 mm high - Temperature range ambient to 1500 °C - Maximum heating rate of 200°C/min - Temperature stability 1°C Consisting of: - TS1500-7/3 High Temperature Stage - T96 Linkpad Controller	Carl Zeiss	000000-2613-900	Each	$37,574.12	4.0%	$36,071.16
Science Laboratory and Teaching Supplies	000000-2613-901	LNP96 Cooling System for THMS 600 Specifications: - cooling rate from 0.01°C/min - 100°C/min - controlled by the T96 controller Consisting of: - control unit housing the pumps and a Dewar. The LNP96 can be added as an option to several Linkam systems to allow cooling down to <(><<)> -195°C.	Carl Zeiss	000000-2613-901	Each	$8,503.29	4.0%	$8,163.16
Science Laboratory and Teaching Supplies	000000-2613-902	Heating/Freezing Stage System THMS600 - Temperature range <(><<)> -195°C to 600°C (cooling option required) - Up to 150°C/min heating, 100°C/min cooling (using LNP96 cooling pump) - Temperature stability <(><<)>0.01°C - Stage body size - 137x92x24 mm - 16 mm XY sample manipulation - Sample area 22 mm diameter - Quick-release gas valves for atmospheric control - 100ohm platinum resistor sensor. 1/10th Din Class B - Light aperture - 2.0 mm Ø - Silver heating block for high thermal conductivity - Direct injection of the coolant into the silver block - Single ultra thin lid window - 0.5 mm - Objective lens working distance 4.8 mm - Range of condenser extension lenses available - Can be used with all microscope techniques - The stage body can be cooled with a water cooling pump for high temperature work (>300°C) - Sample side loading without removing the stage lid Consisting of: - THMS600 stage with accessories - T96 Linkpad Controller - Tubes, connection cables	Carl Zeiss	000000-2613-902	Each	$34,804.96	4.0%	$33,412.76
Science Laboratory and Teaching Supplies	000000-2613-903	Heating/Freezing Stage System LTS420 Specifications: Temperature range < -195°C to 420°C Sample area of 53.5mm x 43mm 15mm XY manipulation as standard Sample holder for standard 76mm x 26mm microscope slides Quick-release gas valves for atmospheric control Swing out lid for easy sample loading Can be used with transmitted or reflected light Mounts directly to microscope table or substage Stage body size 166mm x 90mm x 24mm 100 Ohm platinum sensor Temperature stability <0.1°C Inner lid to increase temperature stability Direct injection of coolant into block Highly conductive metal for improved heat transfer Minimum heating rate 0.01°C/min Maximum heating rate of 50°C/min Objective lens minimum working distance 6.5 mm Condenser lens minimum working distance 12.5 mm Consisting of: - LTS420 Heating/Freezing stage - T96 Linkpad Controller - Tubes, connection cables	Carl Zeiss	000000-2613-903	Each	$34,410.13	4.0%	$33,033.72
Science Laboratory and Teaching Supplies	000000-2613-904	Heating/Freezing Stage System LTS120 - Peltier controlled - Gas tight chamber for controlled atmosphere - Sample holder for standard slides 76x26 mm - Sample manipulation 15 mm in X- and Y-axis - Max. detection area 40 mm x 40 mm - Min. free working distance objective lens 6 mm - Min. free working distance condenser 13.2 mm - Temp. range -40°C - 120°C - Temp. Max. 120°C - Heating rate up to 30°C/min - Temp stability 0.1°C Consisting of: - LTS120 Heating-/Freezing Stage - T96-P LinkPad peltier controller - Tubes, connection cables, USB cable, country specific power cord The watercirculation pump is optional	Carl Zeiss	000000-2613-904	Each	$28,476.98	4.0%	$27,337.90
Science Laboratory and Teaching Supplies	432049-9000-000	Heating stage S1 - dimensions: 250x230x18 mm - temperature range of room temperature up to +50°C	Carl Zeiss	432049-9000-000	Each	$5,084.64	4.0%	$4,881.25

Science Laboratory and Teaching Supplies	000000-0496-315	Mounting frame K for multiwell plates (D) for scanning stage XY DC 100x100 with attachment Z Piezo and scanning stage XY DC 110x90 w. attachment Z Piezo/Rot.En. for plate footprint 127.5 x 85 mm frame size 160 x 110 mm	Carl Zeiss	000000-0496-315	Each	$1,062.51	4.0%	$1,020.01
Science Laboratory and Teaching Supplies	000000-1116-077	Universal mounting frame M-Duo for: - 2x Petri dishes dia. 28...56 mm - 1x Petri dish dia. 28...40 mm and 1x slide 76x26 mm	Carl Zeiss	000000-1116-077	Each	$1,313.96	4.0%	$1,261.40
Science Laboratory and Teaching Supplies	000000-1116-078	Universal mounting frame K-Duo for: - 2x Petri dishes dia. 28...56 mm - 1x Petri dish dia. 28...40 mm and 1x slide 76x26 mm frame size 160 x 110 mm	Carl Zeiss	000000-1116-078	Each	$1,313.96	4.0%	$1,261.40
Science Laboratory and Teaching Supplies	000000-1755-533	Mounting frame K-AM for multiwell plates (D) for scanning stage XY DC 100x100 with attachment Z Piezo and scanning stage XY DC 110x90 with attachment Z Piezo/Rot.En. - frame size 160x110mm - for plate footprint 127.5x85mm	Carl Zeiss	000000-1755-533	Each	$1,740.89	4.0%	$1,671.25
Science Laboratory and Teaching Supplies	410800-1000-000	Universal mounting frame A-K (D) - frame size 160x116mm	Carl Zeiss	410800-1000-000	Each	$1,140.62	4.0%	$1,095.00
Science Laboratory and Teaching Supplies	411860-9082-000	Heatable universal mounting frame K-H-L S1 (D) - for mechanical stage or scanning stage - with aperture 47x21 mm (central) - for object slides and chamber slides (max. length 120 mm ; max. width 27 mm) - temperature range of room temperature up to +50°C	Carl Zeiss	411860-9082-000	Each	$1,997.69	4.0%	$1,917.78
Science Laboratory and Teaching Supplies	415510-1304-000	Mounting frame M for microtiter plates 96 positions for Primo Vert	Carl Zeiss	415510-1304-000	Each	$242.89	4.0%	$233.17
Science Laboratory and Teaching Supplies	415510-1305-000	Mounting frame for Petri dishes d=35 mm for Primo Vert	Carl Zeiss	415510-1305-000	Each	$88.81	4.0%	$85.26
Science Laboratory and Teaching Supplies	415510-1306-000	Mounting frame for Petri dishes d=54 mm and specimen slides 76x26 mm for Primo Vert	Carl Zeiss	415510-1306-000	Each	$88.81	4.0%	$85.26
Science Laboratory and Teaching Supplies	415510-1307-000	Mounting frame for Petri dishes d=65 mm for Primo Vert	Carl Zeiss	415510-1307-000	Each	$88.81	4.0%	$85.26
Science Laboratory and Teaching Supplies	432301-0000-000	Specimen holder for slide 76x26 mm for one-hand operation	Carl Zeiss	432301-0000-000	Each	$245.03	4.0%	$235.23
Science Laboratory and Teaching Supplies	432302-0000-000	Specimen holder, reflected light, for mechanical stage 75x50 plate dimension 120x107	Carl Zeiss	432302-0000-000	Each	$319.93	4.0%	$307.13
Science Laboratory and Teaching Supplies	432302-9000-000	Specimen holder, reflected light, for mechanical stage 75x50 plate dimension 120x107	Carl Zeiss	432302-9000-000	Each	$299.60	4.0%	$287.62
Science Laboratory and Teaching Supplies	432303-0000-000	Specimen holder, special, for 2 slides 76x26 mm particularly for use with immersion objectives	Carl Zeiss	432303-0000-000	Each	$322.07	4.0%	$309.19
Science Laboratory and Teaching Supplies	432304-0000-000	Heatable universal mounting frame A-H for mechanical stage 75x50 to accept Petri dishes with a diameter between 30 and 60 mm or 26x76 mm microscope slides	Carl Zeiss	432304-0000-000	Each	$2,462.07	4.0%	$2,363.59
Science Laboratory and Teaching Supplies	432306-0000-000	Mounting frame for 8 slides 76x26 mm (D) - frame size 313x148	Carl Zeiss	432306-0000-000	Each	$1,498.00	4.0%	$1,438.08
Science Laboratory and Teaching Supplies	432306-9000-000	Mounting frame for 7 Geo Slides (D) - suitable for 7 Geo slides within the following dimensions: 46...48mm x 26...28mm x 1.0...1.35mm - frame size 313 x 148mm	Carl Zeiss	432306-9000-000	Each	$2,149.63	4.0%	$2,063.64
Science Laboratory and Teaching Supplies	432308-0000-000	Specimen holder 76x26, one-hand operation for immersion (particularly for immersion objectives)	Carl Zeiss	432308-0000-000	Each	$319.93	4.0%	$307.13
Science Laboratory and Teaching Supplies	432310-0000-000	Adapter Plate for Mounting Frames (D) - adapter frame size 313x148 - for frames 160x116	Carl Zeiss	432310-0000-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432311-9901-000	Universal mounting frame for Petri dishes and slides for stages for the Axio Imager, Axio Scope and Axio Examiner	Carl Zeiss	432311-9901-000	Each	$760.77	4.0%	$730.34
Science Laboratory and Teaching Supplies	432312-0000-000	Glass Insert Plate (D) - frame size 160x116	Carl Zeiss	432312-0000-000	Each	$216.14	4.0%	$207.49
Science Laboratory and Teaching Supplies	432313-0000-000	Metal Insert Plate (D) plane plate, horizontally fine adjustable frame size 160x116 - with grid lines	Carl Zeiss	432313-0000-000	Each	$401.25	4.0%	$385.20
Science Laboratory and Teaching Supplies	432314-0000-000	Mounting frame for 96 multiwell ELISPOT plates HA/IP (D) - frame size 160x116 - for plate footprint 105x71 mm	Carl Zeiss	432314-0000-000	Each	$289.97	4.0%	$278.37
Science Laboratory and Teaching Supplies	432315-0000-000	Mounting frame for slide 76x26 (D) - frame size 160x116	Carl Zeiss	432315-0000-000	Each	$370.22	4.0%	$355.41
Science Laboratory and Teaching Supplies	432315-9000-000	Mounting frame for 1 Geo Slide 48x28 mm (D) - frame size 160x116 mm	Carl Zeiss	432315-9000-000	Each	$815.34	4.0%	$782.73
Science Laboratory and Teaching Supplies	432316-0000-000	Mounting frame for multiwell plates or ELISPOT HTS (D) - frame size 160x116 - for plate footprint 127x86 mm	Carl Zeiss	432316-0000-000	Each	$414.09	4.0%	$397.53
Science Laboratory and Teaching Supplies	432317-0000-000	Mounting frame for Terasaki plate (D) - frame size 160x116	Carl Zeiss	432317-0000-000	Each	$497.55	4.0%	$477.65
Science Laboratory and Teaching Supplies	432318-0000-000	Mounting frame for two slides 76x26 (D) - frame size 160x116	Carl Zeiss	432318-0000-000	Each	$646.28	4.0%	$620.43
Science Laboratory and Teaching Supplies	432318-9000-000	Mounting frame for two slides 76x26 (D) - frame size 160x116	Carl Zeiss	432318-9000-000	Each	$634.51	4.0%	$609.13
Science Laboratory and Teaching Supplies	432320-9901-000	Holder for round particle filters Rev. 2 - max. filter diameter 50 mm - max. scan diameter: 48 mm - reproducable positioning of filters on a motorised stage - glass plate with mounting ring for planar filter fixation - suitable for objectives up to LD Epiplan 20x/0.4 - positioning mark for 25 mm filters	Carl Zeiss	432320-9901-000	Each	$1,097.82	4.0%	$1,053.91

Science Laboratory and Teaching Supplies	432320-9902-000	Holder TCA for filter membrane, DM 47 (D) Holder for filter membrane, diameter 47 mm. Accessory for analysis of particulate contamination on filter membranes.	Carl Zeiss	432320-9902-000	Each	$701.92	4.0%	$673.84
Science Laboratory and Teaching Supplies	432321-9100-000	Holder TCA for test standard (D) Holder for test standard with geometric reference objects for testing of microscope systems for technical cleanliness.	Carl Zeiss	432321-9100-000	Each	$735.09	4.0%	$705.69
Science Laboratory and Teaching Supplies	432321-9110-000	Holder TCA for filter membrane, DM 50 (D) Holder for filter membrane, diameter 50 mm. Accessory for analysis of particulate contamination on filter membranes.	Carl Zeiss	432321-9110-000	Each	$783.24	4.0%	$751.91
Science Laboratory and Teaching Supplies	432321-9120-000	Mounting frame for two holders TCA (D) The mounting frame is accessory for technical cleanliness and applicable for: - holder TCA for filter membranes with diameter 47 mm; - holder TCA for filter membranes with diameter 50 mm; - holder TCA for the test standard.	Carl Zeiss	432321-9120-000	Each	$1,188.77	4.0%	$1,141.22
Science Laboratory and Teaching Supplies	432321-9130-000	Mounting frame and specimen holder four samples (D) The mounting frame with integrated sample holder is accessory for technical cleanliness and applicable for four filter membranes with diameter 47 mm.	Carl Zeiss	432321-9130-000	Each	$1,388.86	4.0%	$1,333.31
Science Laboratory and Teaching Supplies	432321-9140-000	Mounting frame and specimen holder six sample (D) The mounting frame with integrated specimen holder is accessory for technical cleanliness and applicable for six filter membranes with diameter 47 mm.	Carl Zeiss	432321-9140-000	Each	$1,718.42	4.0%	$1,649.68
Science Laboratory and Teaching Supplies	432321-9901-000	Mounting frame for holder of round particle filters - frame size 160x116	Carl Zeiss	432321-9901-000	Each	$359.52	4.0%	$345.14
Science Laboratory and Teaching Supplies	432321-9902-000	Mounting frame for one holder TCA (D) The mounting frame is accessory for technical cleanliness and applicable for: - holder TCA for filter membranes with diameter 47 mm; - holder TCA for filter membranes with diameter 50 mm; - holder TCA for the test standard.	Carl Zeiss	432321-9902-000	Each	$493.27	4.0%	$473.54
Science Laboratory and Teaching Supplies	432322-9000-000	Mounting frame for steel specimen (D) - frame size 160x116 and 160x110 - for upright and inverted microscopes - for up to six cylindrical metallurgical specimens - specimen diameter from 10 - 40 mm	Carl Zeiss	432322-9000-000	Each	$939.46	4.0%	$901.88
Science Laboratory and Teaching Supplies	432322-9010-000	Stage insert 160x116mm with holder for 4" wafer, rotatable (D) for mechanical stages 105x105/85mm	Carl Zeiss	432322-9010-000	Each	$1,639.24	4.0%	$1,573.67
Science Laboratory and Teaching Supplies	432323-9002-000	Specimen holder for one slide 76x26mm, spring lever left	Carl Zeiss	432323-9002-000	Each	$96.30	4.0%	$92.45
Science Laboratory and Teaching Supplies	432323-9012-000	Object guide Pol 47x27 mm for Axiolab 5, attachable for slides 48x28 mm and 75x25 mm	Carl Zeiss	432323-9012-000	Each	$332.77	4.0%	$319.46
Science Laboratory and Teaching Supplies	432324-9000-000	Metal Insert Plate, frame size 246x246 mm (D) for mechanical stage 200x200 and Scanning stages 200x200 and 300x300	Carl Zeiss	432324-9000-000	Each	$501.83	4.0%	$481.76
Science Laboratory and Teaching Supplies	432324-9010-000	Glass Insert Plate, frame size 246x246 mm (D) for mechanical stage 200x200 and Scanning stages 200x200 and 300x300	Carl Zeiss	432324-9010-000	Each	$501.83	4.0%	$481.76
Science Laboratory and Teaching Supplies	432324-9020-000	Mounting Frame with Mask holder for 6"x6", frame size 246x246 mm (D) for mechanical stage 200x200 and Scanning stages 200x200 and 300x300	Carl Zeiss	432324-9020-000	Each	$1,527.96	4.0%	$1,466.84
Science Laboratory and Teaching Supplies	432333-9000-000	Specimen holder basic for one-hand operation, spring lever left	Carl Zeiss	432333-9000-000	Each	$116.63	4.0%	$111.96
Science Laboratory and Teaching Supplies	432333-9002-000	Specimen holder for two slides 76x26mm, spring lever left	Carl Zeiss	432333-9002-000	Each	$98.44	4.0%	$94.50
Science Laboratory and Teaching Supplies	432333-9010-000	Specimen holder plate for slides suitable for transmitted and reflected light, permits fast shifting of the slide by hand on the specimen holder plate and fine positioning through x/y movement of the stage	Carl Zeiss	432333-9010-000	Each	$185.11	4.0%	$177.71
Science Laboratory and Teaching Supplies	432333-9030-000	Mounting frame Flex M - for microwell plates, flasks and petridishes d=95 mm - for the mounting of Mounting frame inserts Flex M	Carl Zeiss	432333-9030-000	Each	$333.84	4.0%	$320.49
Science Laboratory and Teaching Supplies	432333-9050-000	Mounting frame insert Flex M, petridishes - for petridishes d=88 mm, 65 mm, 54 mm, 36 mm - for insertion in Mounting frame Flex M	Carl Zeiss	432333-9050-000	Each	$191.53	4.0%	$183.87
Science Laboratory and Teaching Supplies	432333-9060-000	Mounting frame insert Flex M, slides and chambers - for object slides 76x26 mm - for chambers (ibidi® µ-SlideTM, Nunc® Lab-TekTM / Lab-TekTM II) - for insertion in Mounting frame Flex M	Carl Zeiss	432333-9060-000	Each	$167.99	4.0%	$161.27
Science Laboratory and Teaching Supplies	432333-9402-000	Specimen holder for two slides 76x26mm, spring lever left, Module	Carl Zeiss	432333-9402-000	Each	$98.44	4.0%	$94.50
Science Laboratory and Teaching Supplies	432334-9001-000	Mounting frame K; low profile, for reflected light, d=72 mm - with heigt adjustable spring clip - max. specimen size 68 x 48 mm - frame size 160 x 110 mm	Carl Zeiss	432334-9001-000	Each	$434.42	4.0%	$417.04
Science Laboratory and Teaching Supplies	432335-9080-000	Mounting frame for Specimen holder CorrMic MAT; 96x86 (D) - frame size 160x116	Carl Zeiss	432335-9080-000	Each	$1,201.61	4.0%	$1,153.55
Science Laboratory and Teaching Supplies	432335-9091-000	Mounting frame K for Specimen holder CorrMic MAT; 160x110 Rev.2 (D) - for use on inverse microscopes - for use on upright microscopes with Prior stage - frame size 160x110	Carl Zeiss	432335-9091-000	Each	$1,237.99	4.0%	$1,188.47

Science Laboratory and Teaching Supplies	432335-9102-000	Specimen holder CorrMic MAT Universal B Rev.2 (D) for mounting various specimens. Mount for three metallurgical specimens: - 1 specimen d=40 mm or 1x d=30 mm via adapter - 2 specimens d=1" or 1x d=1" and via adapter 1x d=1/2" Holder for thin specimens: - mount for 2 SEM stubs with 1" surface and 1/8" pin Delivery content: - incl. SEM stubs with 1" surface and 1/8" pin, 10 pc. - incl. 3 calibration markers for Correlative Microscopy - incl. SEM adapter - incl. Adapter plate 96x86 and installation aid Compatibility: - compatible with airlock 80 mm - compatible with AURIGA Laser 4" Kleinstage	Carl Zeiss	432335-9102-000	Each	$3,639.07	4.0%	$3,493.51
Science Laboratory and Teaching Supplies	432335-9111-000	Specimen holder CorrMic MAT for Particle Analysis; 47 mm (D) - clamping mechanism for filter diameter 47 mm - max. scan diameter: 37 mm - filter mount without cover glas - 3 calibration reference markers on holder to define coordinate system for Correlative Microscopy - stamping tool for marking filters for orientated filter installation - with SEM adapter - compatible with airlock 80 mm	Carl Zeiss	432335-9111-000	Each	$4,179.42	4.0%	$4,012.24
Science Laboratory and Teaching Supplies	432335-9121-000	Specimen holder CorrMic MAT for flat samples / stubs (D) - 4 height adjustable spring clips for fixation of various specimens - maximum specimen size 2.5" x 3" (6 cm x 7,5 cm) - mount for 4 SEM stubs with 1/8" pin - 3 calibration reference markers on holder to define coordinate system for Correlative Microscopy - dimension 78 mm x 78 mm - with SEM adapter - incl. SEM stubs with 1/2" surface and 1/8" pin, 10 pc. - compatible with airlock 80 mm	Carl Zeiss	432335-9121-000	Each	$3,669.03	4.0%	$3,522.27
Science Laboratory and Teaching Supplies	432335-9131-000	Specimen holder CorrMic MAT for Particle Analysis; 50 mm (D) - clamping mechanism for filter diameter 50 mm - max. scan diameter: 40 mm - filter mount without cover glas - 3 calibration reference markers on holder to define coordinate system for Correlative Microscopy - stamping tool for marking filters for orientated filter installation - with SEM adapter - compatible with airlock 80 mm	Carl Zeiss	432335-9131-000	Each	$4,179.42	4.0%	$4,012.24
Science Laboratory and Teaching Supplies	432335-9160-000	Mounting frame for Specimen holder CorrMic MAT; 96x86 (D) and mechanical stage 75x50 mot	Carl Zeiss	432335-9160-000	Each	$1,237.99	4.0%	$1,188.47
Science Laboratory and Teaching Supplies	432335-9170-000	Adapter plate CorrMic with SEM interface; 96x86 (D) - for mounting of specimen holders CorrMic MAT with SEM adapter - usable in mounting frames CorrMic MAT; 96x86	Carl Zeiss	432335-9170-000	Each	$1,068.93	4.0%	$1,026.17
Science Laboratory and Teaching Supplies	432335-9181-000	Adapter plate CorrMic with SEM interface; 160x116 (D) - for mounting of specimen holders CorrMic MAT with SEM adapter - plate size 160x116	Carl Zeiss	432335-9181-000	Each	$1,547.22	4.0%	$1,485.33
Science Laboratory and Teaching Supplies	432335-9210-000	SEM stubs with 1/2" surface and 1/8" pin, 10 pc. (D) with orientation	Carl Zeiss	432335-9210-000	Each	$68.48	4.0%	$65.74
Science Laboratory and Teaching Supplies	432335-9220-000	Specimen holder CorrMic MAT for Geo Slides (D) - suitable for Geo slides within the following dimensions: 46...48 mm x 26...28 mm x 1.0...1.6 mm - 3 calibration reference markers on holder to define coordinate system for Correlative Microscopy - incl. SEM adapter - compatible with airlock 80 mm - outer dimensions 75.5 mm x 51.5 mm x 1.3 mm (W x D x H)	Carl Zeiss	432335-9220-000	Each	$4,852.45	4.0%	$4,658.35
Science Laboratory and Teaching Supplies	432335-9300-000	Specimen holder CorrMic LS for cover glasses 22x22 mm (D) - dimension 76 mm x 26 mm - mounting for cover glasses 22 mm x 22 mm - 3 calibration reference points - incl. cover glasses high performance, D=0.17mm, 22 x 22 mm, box with 200 pc.	Carl Zeiss	432335-9300-000	Each	$3,963.28	4.0%	$3,804.75
Science Laboratory and Teaching Supplies	432335-9310-000	Specimen holder CorrMic LS for TEM Grids (D) - dimension 76 mm x 26 mm - mounting for 4 TEM Grids, d=3.05 mm - 3 calibration reference points Not compatible with EVO STEM-detector.	Carl Zeiss	432335-9310-000	Each	$4,186.91	4.0%	$4,019.43
Science Laboratory and Teaching Supplies	432335-9320-000	Mounting Frame K for Specimen holder CorrMic LS (D) - frame size 160x110	Carl Zeiss	432335-9320-000	Each	$1,134.20	4.0%	$1,088.83
Science Laboratory and Teaching Supplies	432339-9000-000	Stage attachment Z PIEZO WSB 500 (D) for mechanical and scanning stages Axio Imager and Axio Observer - for mounting on top stage plate - travel range in Z: 500 µm - max speed: 5 mm/sec - resolution: 1 nm - reproducibility: +/- 5 nm - max. load: 2 kg	Carl Zeiss	432339-9000-000	Each	$24,027.92	4.0%	$23,066.80
Science Laboratory and Teaching Supplies	432339-9031-000	Stage insert Z PIEZO WSB 500 Universal (D) to insert into Stage attachment Z PIEZO WSB 500 on inverted microscope stands. Fixing in stage attachment through magnets. Applicable for Petri dishes with diameter from 25 ... 60 mm and specimen slides 76 x26 mm	Carl Zeiss	432339-9031-000	Each	$1,759.08	4.0%	$1,688.72

Science Laboratory and Teaching Supplies	432339-9041-000	Stage insert Z PIEZO WSB 500 for multi well plates (D) to insert into Stage attachment Z PIEZO WSB 500 on inverted microscope stands. Fixing in stage attachment through magnets. For plate sizes 84.5 x 126 ... 86 x 128 mm	Carl Zeiss	432339-9041-000	Each	$1,211.24	4.0%	$1,162.79
Science Laboratory and Teaching Supplies	432339-9051-000	Stage insert Z PIEZO WSB 500 for Heating Inserts P S1 / Mxx S1 (D) to insert into Stage attachment Z PIEZO WSB 500 on inverted microscope stands. Fixing to stage attachment through magnets. Applicable for all heating inserts P S1 / M06 S1 ... M96 S1	Carl Zeiss	432339-9051-000	Each	$1,211.24	4.0%	$1,162.79
Science Laboratory and Teaching Supplies	432339-9060-000	Stage insert Z PIEZO WSB 500 for specimen slides 76x26 (D) to insert into Stage attachment Z PIEZO WSB 500 on upright microscope stands. Applicable for specimen slides 76 x 26 mm	Carl Zeiss	432339-9060-000	Each	$1,544.01	4.0%	$1,482.25
Science Laboratory and Teaching Supplies	432339-9070-000	Stage insert Z PIEZO WSB 500 for Petri dishes (D) to insert into Stage attachment Z PIEZO WSB 500 on upright microscope stands. Applicable for Petri dishes with diameter from 25...86 mm	Carl Zeiss	432339-9070-000	Each	$1,344.99	4.0%	$1,291.19
Science Laboratory and Teaching Supplies	432340-9000-000	Insert for Universal mounting frame K-M, Petri dish 35 (D) - for 1x Petri dish dia. 30…40 mm - suitable for CO2-incubation with CO2-Cover for K-M - for insertion into Universal mounting frame K-M	Carl Zeiss	432340-9000-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432340-9010-000	Insert for Universal mounting frame K-M, Petri dish 60 (D) - for 1x Petri dish dia. 47…56 mm - suitable for CO2-incubation with CO2-Cover for K-M - for insertion into Universal mounting frame K-M	Carl Zeiss	432340-9010-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432340-9020-000	Insert for Universal mounting frame K-M, 2x Petri dish 35 (D) - for 2x Petri dish dia. 30…40 mm - suitable for CO2-incubation with CO2-Cover for K-M - for insertion into Universal mounting frame K-M	Carl Zeiss	432340-9020-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432340-9030-000	Insert for Universal mounting frame K-M, POC-R2 (D) - for cell cultivation system POC-R2 - suitable for CO2-incubation with CO2-Cover for K-M - for insertion into Universal mounting frame K-M	Carl Zeiss	432340-9030-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432340-9040-000	Insert for Universal mounting frame K-M, slides and chambers (D) - for object slides 76x26 mm - for chambers (ibidi® µ-SlideTM, Nunc® Lab-TekTM / Lab-TekTM II) - suitable for CO2-incubation with CO2-Cover for K-M - for insertion into Universal mounting frame K-M	Carl Zeiss	432340-9040-000	Each	$479.36	4.0%	$460.19
Science Laboratory and Teaching Supplies	432341-9000-000	Adapter frame for Universal mounting frame K-M (D) Required additional component for CO2-control with Universal mounting frame K-M in Stage insert Z PIEZO WSB 500 with Stage insert Z PIEZO WSB 500 for Heating Inserts P S1 / Mxx S1 and CO2-Cover PM S1	Carl Zeiss	432341-9000-000	Each	$1,233.71	4.0%	$1,184.36
Science Laboratory and Teaching Supplies	432341-9100-000	Universal mounting frame K-M for multiwell plates of different manufacturers. - Three adjustable clamping springs for adaption to different plate sizes - base frame for Click-In System - four silicone sealed channels for the lead- through of tubes or cables - CO2/O2 incubation with CO2-cover HM - foot print 125...127 mm x 83...86 mm	Carl Zeiss	432341-9100-000	Each	$970.49	4.0%	$931.67
Science Laboratory and Teaching Supplies	432342-9000-000	Universal mounting frame K-SF - for multiwell plates with foot print 125...127 mm x 83...86 mm - recommended for AI Sample Finder with maximum usable skirt height 2.5 mm - frame size 160 x 110 mm	Carl Zeiss	432342-9000-000	Each	$890.24	4.0%	$854.63
Science Laboratory and Teaching Supplies	432636-9000-000	Wafer holder rotating, for 8" and 12" wafer (D) for mechanical stages and Scanning stages 300x300	Carl Zeiss	432636-9000-000	Each	$3,265.64	4.0%	$3,135.01
Science Laboratory and Teaching Supplies	432636-9010-000	Wafer holder rotating, for 6" and 8" wafer (D) for mechanical stages and Scanning stages 200x200 and 300x300	Carl Zeiss	432636-9010-000	Each	$2,409.64	4.0%	$2,313.25
Science Laboratory and Teaching Supplies	432636-9020-000	Vacuum wafer holder rotating, for 8" and 12" wafer (D) for mechanical stages and Scanning stages 300x300	Carl Zeiss	432636-9020-000	Each	$5,021.51	4.0%	$4,820.65
Science Laboratory and Teaching Supplies	451341-0000-000	Mounting Frame K for specimen slider 76x26 mm frame size 160 x 110 mm	Carl Zeiss	451341-0000-000	Each	$393.76	4.0%	$378.01
Science Laboratory and Teaching Supplies	451344-0000-000	Mounting frame K for reflected light, d=72mm frame size 160 x 110 mm	Carl Zeiss	451344-0000-000	Each	$356.31	4.0%	$342.06
Science Laboratory and Teaching Supplies	451352-0000-000	Universal mounting frame K for: - Petri dishes dia. 24...68 mm - slides (max. length 120 mm) frame size 160 x 110 mm	Carl Zeiss	451352-0000-000	Each	$847.44	4.0%	$813.54
Science Laboratory and Teaching Supplies	451353-0000-000	Universal mounting frame K-X for: - multitest dishes with footprint 124...133 x 83...88 mm - Petri dishes dia. 87...92 mm frame size 160 x 110 mm	Carl Zeiss	451353-0000-000	Each	$969.42	4.0%	$930.64
Science Laboratory and Teaching Supplies	453563-0000-000	Specimen holder D Pol	Carl Zeiss	453563-0000-000	Each	$769.33	4.0%	$738.56
Science Laboratory and Teaching Supplies	453564-0000-000	Specimen holder A Pol	Carl Zeiss	453564-0000-000	Each	$1,015.43	4.0%	$974.81
Science Laboratory and Teaching Supplies	471717-0000-000	Universal mounting frame M-X for: - multitest dishes with foot print 124...133 x 83...88 mm - Petri dishes dia. 87...92 mm	Carl Zeiss	471717-0000-000	Each	$816.41	4.0%	$783.75

Science Laboratory and Teaching Supplies	471718-0000-000	Universal mounting frame M for: - Petri dishes dia. 24...68 mm - slides (max. length 120 mm)	Carl Zeiss	471718-0000-000	Each	$816.41	4.0%	$783.75
Science Laboratory and Teaching Supplies	471719-0000-000	Mounting frame M for specimen slider 76x26	Carl Zeiss	471719-0000-000	Each	$413.02	4.0%	$396.50
Science Laboratory and Teaching Supplies	471744-0000-000	Mounting frame M for multitest dishes 133.5 x 88.5 mm	Carl Zeiss	471744-0000-000	Each	$434.42	4.0%	$417.04
Science Laboratory and Teaching Supplies	471746-0000-000	Mounting frame M for microtiter plates 96 positions with adhesive scales	Carl Zeiss	471746-0000-000	Each	$449.40	4.0%	$431.42
Science Laboratory and Teaching Supplies	473371-9902-000	Stage clip	Carl Zeiss	473371-9902-000	Each	$46.01	4.0%	$44.17
Science Laboratory and Teaching Supplies	000000-1005-833	Object guide 130x85 mm right can be attached to both sides, accepts various mounting frames M	Carl Zeiss	000000-1005-833	Each	$1,669.20	4.0%	$1,602.43
Science Laboratory and Teaching Supplies	415510-1303-000	Object guide 108x72 R for Primovert	Carl Zeiss	415510-1303-000	Each	$842.09	4.0%	$808.41
Science Laboratory and Teaching Supplies	432333-9040-000	Object guide M 130x85 mm for Axio Vert - for mounting frames M - mountable on both sides without tools - 168 mm coaxial drive	Carl Zeiss	432333-9040-000	Each	$666.61	4.0%	$639.95
Science Laboratory and Teaching Supplies	432333-9100-000	Object guide M 130x85 R/L for Axiovert - for Axiovert 5/7 and Axio Vert.A1 - for mounting frames M - mountable on both sides without tools	Carl Zeiss	432333-9100-000	Each	$639.86	4.0%	$614.27
Science Laboratory and Teaching Supplies	453560-0000-000	Object guide Pol 45x25 mm, with click stop	Carl Zeiss	453560-0000-000	Each	$4,262.88	4.0%	$4,092.36
Science Laboratory and Teaching Supplies	453561-9901-000	Attachable object guide Pol, 28x48 mm for rotary stage Pol Axioscope	Carl Zeiss	453561-9901-000	Each	$2,086.50	4.0%	$2,003.04
Science Laboratory and Teaching Supplies	000000-1689-360	Object guide M 130x85 mm right, short stage drive (l= 120 mm) for fixed stages Axio Observer/Axiovert 200; object guide based on 1005-833	Carl Zeiss	000000-1689-360	Each	$1,573.97	4.0%	$1,511.01
Science Laboratory and Teaching Supplies	415510-1301-000	Stage insert, metal; D=110 mm	Carl Zeiss	415510-1301-000	Each	$140.17	4.0%	$134.56
Science Laboratory and Teaching Supplies	415510-1302-000	Stage insert, glass; D=110 mm, d=38 mm	Carl Zeiss	415510-1302-000	Each	$102.72	4.0%	$98.61
Science Laboratory and Teaching Supplies	432027-9200-000	Cover scanning stage 130x100 PIEZO for AI Sample Finder (D)	Carl Zeiss	432027-9200-000	Each	$222.56	4.0%	$213.66
Science Laboratory and Teaching Supplies	432328-9020-000	Stage insert, metal; D=115 mm, aperture d=10 mm	Carl Zeiss	432328-9020-000	Each	$194.74	4.0%	$186.95
Science Laboratory and Teaching Supplies	432328-9040-000	Stage insert, metal; D=115 mm, aperture d=20 mm	Carl Zeiss	432328-9040-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	432328-9050-000	Stage insert, metal; D=115 mm, aperture d=25.4 mm	Carl Zeiss	432328-9050-000	Each	$201.16	4.0%	$193.11
Science Laboratory and Teaching Supplies	432328-9060-000	Stage insert, metal; D=115 mm, aperture d=30 m	Carl Zeiss	432328-9060-000	Each	$190.46	4.0%	$182.84
Science Laboratory and Teaching Supplies	432335-9191-000	Calibration Marker CorrMic (Stub), 3 pc. (D) Set of 3 markers to define coordinate system for Correlative Microscopy. Consisting of: - 3 stubs with calibration marker - 3 extensions for stubs - 2 pin keys - Tool for height adjustment of markers - Instructions for creation of custom sample holders	Carl Zeiss	432335-9191-000	Each	$1,152.39	4.0%	$1,106.29
Science Laboratory and Teaching Supplies	432335-9331-000	SEM Adapter for Specimen holder CorrMic LS for cover glasses (D) compatible to air lock 80 mm	Carl Zeiss	432335-9331-000	Each	$1,362.11	4.0%	$1,307.63
Science Laboratory and Teaching Supplies	432335-9341-000	SEM/STEM Adapter for Specimen holder CorrMic LS for TEM Grids (D) compatible to STEM detector and air lock 80 mm	Carl Zeiss	432335-9341-000	Each	$1,587.88	4.0%	$1,524.36
Science Laboratory and Teaching Supplies	432904-9901-000	Electronic Coaxial Drive; CAN (D) for mechanical stages mot; CAN, scanning stages; CAN and stage controller XY STEP SMC 2009 - mounted to lower stage plate of stages CAN or docking station - ergonomic use - direct cable connection to CAN stage or stage controller XY STEP SMC 2009	Carl Zeiss	432904-9901-000	Each	$1,790.11	4.0%	$1,718.51
Science Laboratory and Teaching Supplies	435430-9140-000	Insert plate with holder 84 for ball-and-socket stage (D)	Carl Zeiss	435430-9140-000	Each	$538.21	4.0%	$516.68
Science Laboratory and Teaching Supplies	451326-9901-000	Stage insert, metal; D=72 mm, d=10 mm	Carl Zeiss	451326-9901-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	451327-9901-000	Stage insert, metal; D=72 mm, d=20 mm	Carl Zeiss	451327-9901-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	451328-9000-000	Stage insert, metal; D=72 mm, d=23 mm	Carl Zeiss	451328-9000-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	451328-9010-000	Stage insert, metal; D=72 mm Drop Shape Drop shape aperture (length/width): 20 mm / 10 mm	Carl Zeiss	451328-9010-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	451345-9902-000	Stage insert, metal; 160x110 mm, d=28 mm	Carl Zeiss	451345-9902-000	Each	$523.23	4.0%	$502.30
Science Laboratory and Teaching Supplies	451346-9901-000	Stage insert, metal; 160x110 mm, d=36 mm	Carl Zeiss	451346-9901-000	Each	$523.23	4.0%	$502.30
Science Laboratory and Teaching Supplies	451347-9901-000	Stage insert, metal; 160x110 mm, d=48 mm	Carl Zeiss	451347-9901-000	Each	$523.23	4.0%	$502.30
Science Laboratory and Teaching Supplies	473378-0000-000	Glass plate d=72 mm for specimen stages	Carl Zeiss	473378-0000-000	Each	$55.64	4.0%	$53.41
Science Laboratory and Teaching Supplies	415500-1401-000	Binocular phototube 30°/20 (50:50) for Primo Star, reversed image	Carl Zeiss	415500-1401-000	Each	$573.52	4.0%	$550.58
Science Laboratory and Teaching Supplies	415501-1401-000	Binocular phototube 25°/20 (50:50) for Primostar 3, reversed image	Carl Zeiss	415501-1401-000	Each	$587.43	4.0%	$563.93
Science Laboratory and Teaching Supplies	415501-1402-000	Binocular phototube 25°/22 (50:50) for Primostar 3, reversed image	Carl Zeiss	415501-1402-000	Each	$655.91	4.0%	$629.67

Science Laboratory and Teaching Supplies	415501-1403-000	Binocular tube 25°/22 with integrated camera 8MP Camera specification Sensor: Sony CMOS image sensor Color, Rolling Shutter Number of Pixel: 3840 (H) x 2160 (V) = 8.3MP, Ultra HD (4K) Selectable Resolution: 3840 x 2160 = Ultra HD (4K) and 1920 x 1080= Full HD (1080p) Pixel size: 1.85 µm x 1.85 µm Effective Area: 7.1 mm x 4.0 mm, equivalent to 1/2.1" (8.15 mm diagonal) Spectral range: approx. 400 nm – 700 nm, IR filter Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate via HDMI: 30 fps @ 4K/1080p (also with HDR) Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 1920 x 1080 up to 30 fps (Labscope) Digitization: 8-bit/pixel Integration time: 0.06 ms up to 1 s Interfaces for Communication: HDMI for monitor USB 3.0 Type C for USB hub, flash drive, Wi-Fi adapter or, PC connection Ethernet (RJ45) for LAN connection Optical interface: integrated adapter Max. file size per image: .tiff up to: 24 MB (not content dependent) .jpg up to: approx. 0.5 MB – 3.3MB (content dependent) Size/Weight: approx. 135 x 97 x 54mm / 590 g Passive cooling by aluminium cooling fins on the cover plate Environmental conditions: +10°C to +40°C, max. 75% relative air humidity at 35°C, no condensation, free air circulation required Operating systems for Labscope: Windows 7/10 x64 Prof./Ultimate and iOS v11 and higher/Android 9.0 and higher Supported Application Software: Labscope v4.0 (Win, iOS and Android) and later and higher The camera is network-enabled and can be used with the ZEISS iOS App/Android App on Google or Zeiss Portal and Labscope software. The App is available as a free download from the Apple® App Store or Google Store. Unless otherwise stated by the distributor, iPad® and WLAN	Carl Zeiss	415501-1403-000	Each	$3,336.26	4.0%	$3,202.81
Science Laboratory and Teaching Supplies	415501-1405-000	Binocular phototube 30°/20 (50:50) for Primostar 1, reversed image	Carl Zeiss	415501-1405-000	Each	$501.83	4.0%	$481.76
Science Laboratory and Teaching Supplies	415501-1423-000	Binocular tube 25°/22 (50:50) with integrated camera 5 MP Camera specification Sensor: CMOS image sensor Color, Rolling Shutter Number of Pixel: 2592 (H) x 1944 (V) = 5.04MP Selectable resolution: 5 MP (snap) and 2 MP (live, snap) Resolution 5 MP: 2592 x 1944 Pixel size (physical): 2.0 µm x 2.0 µm sensor size (complete): 5.2 mm x 3.9 mm, equivalent to 1/2.8" (6.5 mm diagonal) Resolution 2 MP: 1920 x 1080 (Full HD, 1080p) Pixel size (calculated): 2.67 µm x 2.67 µm sensor size (used): 5.1 mm x 2.9 mm (5.9 mm diagonal) Frame rate: maximum 30 fps in Labscope with optimal exposure time Digitization: 24-bit (3 x 8-bit RGB) A/D conversion Exposure time range: 0.03 ms up to 1 s Interfaces for Communication and for Power: USB 3.0 Type A for Wi-Fi adapter or USB flashdrive Ethernet (RJ45) for LAN connection Barrel jack for power adapter Optical interface: C-mount Environmental conditions: +5°C to +40°C, max. 80% relative air humidity at 35°C, no condensation, free air circulation required, indoor use Supported Operating systems: Windows 10 & 11 (64-bit), iOS 15 or later, Android 12 or later Supported Application Software: Labscope v4.3 and later versions (for Windows, iOS and Android) The camera is network-enabled and can be used with the ZEISS iOS App, Android APP and ZEISS Labscope software. The Apps are available as a free download from the Apple® App Store, Google Play Store or ZEISS Portal. Unless otherwise stated by the distributor, iPad® and WLAN router are not supplied by ZEISS. Apple®, Apple iPad® are registered trademarks of Apple Inc.	Carl Zeiss	415501-1423-000	Each	$1,947.40	4.0%	$1,869.50
Science Laboratory and Teaching Supplies	425520-9000-000	Binocular tube 30°/23, reversed image	Carl Zeiss	425520-9000-000	Each	$912.71	4.0%	$876.20
Science Laboratory and Teaching Supplies	425520-9020-000	Binocular phototube 30°/23 (100:0/0:100), reversed image with sliding prism, low-vibration prism switch. Camera port with interface 60N	Carl Zeiss	425520-9020-000	Each	$1,825.42	4.0%	$1,752.40
Science Laboratory and Teaching Supplies	425520-9030-000	Binocular phototube 20°/23 (100:0/0:100), upright image with sliding prism, camera port with interface 60N	Carl Zeiss	425520-9030-000	Each	$1,674.55	4.0%	$1,607.57
Science Laboratory and Teaching Supplies	425520-9060-000	Binocular tube 30°/23, reversed image, Axio Imager	Carl Zeiss	425520-9060-000	Each	$941.60	4.0%	$903.94
Science Laboratory and Teaching Supplies	425520-9090-000	Binocular tube 20°/23, upright image	Carl Zeiss	425520-9090-000	Each	$913.78	4.0%	$877.23
Science Laboratory and Teaching Supplies	425523-9000-000	Binocular tube 45°/23 - upright and unreversed image	Carl Zeiss	425523-9000-000	Each	$1,171.65	4.0%	$1,124.78

Science Laboratory and Teaching Supplies	425523-9500-000	Binocular tube 45°/23 Module Consisting of: Binocular tube 45°/23 - upright and unreversed image Intermediate phototube H=50mm, left port - Camera port with interface 60N - Slider mount with 2 clickstop positions Additionally required: - Slider with mirror 100% - Slider with beam splitter 50% - Slider with beam splitter 20/80%	Carl Zeiss	425523-9500-000	Each	$2,411.78	4.0%	$2,315.31
Science Laboratory and Teaching Supplies	425537-0000-000	Binocular tube 45°/23 with manual shutter	Carl Zeiss	425537-0000-000	Each	$1,641.38	4.0%	$1,575.72
Science Laboratory and Teaching Supplies	425538-9000-000	Tube 30°/20 for Primotech	Carl Zeiss	425538-9000-000	Each	$423.72	4.0%	$406.77
Science Laboratory and Teaching Supplies	425538-9020-000	Tube 30°/20 with integrated HD IP Camera 5MP for Primotech Camera specification Sensor: Micron MT9P031, 5 Megapixels, color, CMOS Basic resolution: 2560 (H) x 1920 (V) = 5.0 Megapixels Pixel size: 2.2 µm x 2.2 µm Sensor size: 5.7 mm x 4.28 mm, equivalent to 1/2.5" (diagonal 7.1 mm) Live frame rate (depending on hardware and software configuration): H x V Bildrate 800 x 600 20 Live frame rate standalone via DVI-D (HDMI) : H x V Frame Rate 1280 x 720 60 1920 x 1080 30 Digitization: 3 x 8 bit/pixel Integration time: 20 µs up to 2 s Interfaces: 1x SD card slot, 1x USB 2.0 (connection cable included), 1x DVI- D (HDMI), 1x Ethernet RJ45 100 Mbit, 1x IR sensor Spectral range: Approx. 400 nm-700 nm, IR filter Read-out mode: Progressive Registration: CE, FCC Class B, RoHS Ambient conditions: +5° ... +45° Celsius, max. 80% relative air humidity, no condensation, free air circulation required Power connection: External power supply USB 2.0 5V/1A 100...240VAC/50...60Hz with country-specific adapters Dual color LED: Power on and ready for capture (green); Recording (blinking green); Not ready (red); Error (blinking red) Integrated slot: SD card slot for SD and SDHC cards Control buttons: Image/Video capture, white balance, contrast, brightness, menu In combination with the Primotech ZEISS offers the software Matscope, can exclusively be used with iPad® 3rd generation, iPad® mini 4, iPhone® 5 or later series with iOS 9. ZEISS Matscope iOS version is free for download in AppStore. ZEISS Matscope Windows version is free for download in product webpage Unless otherwise stated by the distributor, iPad® and WLAN router are not supplied by ZEISS. Apple® iPad Pro® iPhone® are registered trademarks of Apple Inc.	Carl Zeiss	425538-9020-000	Each	$2,990.65	4.0%	$2,871.02
Science Laboratory and Teaching Supplies	425538-9030-000	Tube 30°/20 with integrated HD IP Camera 3MP for Primotech Camera specification Sensor: 1/2.5" color, CMOS Resolution: 2048 (H) x 1536 (V) = 3.1 Megapixels Resolution of single image: 2048 x 1536 pixels IP Livestream: 640 x 480 pixels Interfaces: 1x Ethernet RJ45, 1x USB for power supply Can only be controlled via network In combination with the Primotech ZEISS offers the software Matscope, can exclusively be used with iPad® 3rd generation, iPad® mini 4, iPhone® 5 or later series with iOS 9. ZEISS Matscope iOS version is free for download in AppStore. ZEISS Matscope Windows version is free for download in product webpage Unless otherwise stated by the distributor, iPad® and WLAN router are not supplied by ZEISS. Apple® iPad Pro® iPhone® are registered trademarks of Apple Inc.	Carl Zeiss	425538-9030-000	Each	$1,984.85	4.0%	$1,905.46
Science Laboratory and Teaching Supplies	425538-9040-000	Tube 30°/20 Pol for Primotech	Carl Zeiss	425538-9040-000	Each	$595.99	4.0%	$572.15
Science Laboratory and Teaching Supplies	425518-9010-000	Comfortable binocular Ergotube 8-33°/23, 50mm high, reversed image for Axio Imager variable, continuous angle adjustment 8-33° and vertical adjustment 50 mm	Carl Zeiss	425518-9010-000	Each	$6,013.40	4.0%	$5,772.86
Science Laboratory and Teaching Supplies	425520-9040-000	Binocular Ergophototube 5-30°/23 (100:0/0:100), upright image with prism switch, camera port with interface 60N	Carl Zeiss	425520-9040-000	Each	$2,968.18	4.0%	$2,849.45
Science Laboratory and Teaching Supplies	425520-9050-000	Comfortable binocular Ergophototube 15°/23 (50:50) vertically adjustable and extendable, upright image. Variable, continuous horizontal and vertical adjustment of the binocular component (50 mm each), camera port with interface 60N	Carl Zeiss	425520-9050-000	Each	$4,152.67	4.0%	$3,986.56
Science Laboratory and Teaching Supplies	425520-9080-000	Binocular Ergotube 5-30°/23 (co-obs.), upright image for tube carrier co-observation equipment, upright and unreversed image	Carl Zeiss	425520-9080-000	Each	$2,535.90	4.0%	$2,434.46
Science Laboratory and Teaching Supplies	425522-9040-000	Comfortable binocular Ergotube 8-33°/22, 50mm high, reversed image variable, continuous angle adjustment 8-33° and vertical adjustment 50 mm, including base plate for microscope stand	Carl Zeiss	425522-9040-000	Each	$5,807.96	4.0%	$5,575.64
Science Laboratory and Teaching Supplies	425523-9040-000	Binocular ergotube 30-60°/23 - upright and unreversed image - continuous angle adjustment	Carl Zeiss	425523-9040-000	Each	$3,166.13	4.0%	$3,039.48

Science Laboratory and Teaching Supplies	425535-0000-000	Binocular ergotube 25°/23, 50 mm horizontal adjustment with Bertrand lens and manual shutter for VIS	Carl Zeiss	425535-0000-000	Each	$3,190.74	4.0%	$3,063.11
Science Laboratory and Teaching Supplies	425501-0000-000	Binocular phototube 30°/25 (30vis:70doc), reversed image camera port with interface 60N	Carl Zeiss	425501-0000-000	Each	$2,218.11	4.0%	$2,129.39
Science Laboratory and Teaching Supplies	425502-0000-000	Binocular phototube 30°/25 (100:0/30:70/0:100), reversed image camera port with interface 60N	Carl Zeiss	425502-0000-000	Each	$4,671.62	4.0%	$4,484.76
Science Laboratory and Teaching Supplies	425503-9901-000	Binocular phototube 15°/25 (100:0/0:100), upright image adjustable stop, camera port with interface 60N	Carl Zeiss	425503-9901-000	Each	$2,359.35	4.0%	$2,264.98
Science Laboratory and Teaching Supplies	425504-0000-000	Binocular phototube 30°/25 mot. with two camera ports 60N reversed image, motorized eyepiece shutter. Rear port x,y,z adjustable. 2 motorized switching levels: Lower level with 3 positions and beam splitting ratios eyepiece to upper level (100 : 0 / 30 : 70 / 0 : 100). Upper level with 2 mounting positions for P&C modules permits flexible light distribution between front and rear port. 1 reflector module with 100% mirror included	Carl Zeiss	425504-0000-000	Each	$10,199.24	4.0%	$9,791.27
Science Laboratory and Teaching Supplies	425506-0000-000	Binocular phototube 30°/25 (100:0/30:70/0:100), reversed image with motorized eyepiece shutter, camera port with interface 60N	Carl Zeiss	425506-0000-000	Each	$5,719.15	4.0%	$5,490.38
Science Laboratory and Teaching Supplies	425520-9010-000	Binocular phototube 30°/23 (50:50), reversed image camera port with interface 60N	Carl Zeiss	425520-9010-000	Each	$1,209.10	4.0%	$1,160.74
Science Laboratory and Teaching Supplies	425520-9070-000	Binocular phototube 30°/23 (50:50), reversed image, Axio Imager camera port with interface 60N	Carl Zeiss	425520-9070-000	Each	$1,874.64	4.0%	$1,799.65
Science Laboratory and Teaching Supplies	425520-9100-000	Binocular phototube Pol 20°/23 (100:0/0:100), upright image with sliding prism and upright reticle, upright and unreversed image, camera port with interface 60N	Carl Zeiss	425520-9100-000	Each	$2,198.85	4.0%	$2,110.90
Science Laboratory and Teaching Supplies	425520-9130-000	Binocular phototube 30°/23 (100:0/30:70/0:100), reversed image - with 30° fixed angle, field of view 23mm - split ratio between camera and eyepieces can be 100:0, 70:30 or 0:100 - camera port with interface 60N	Carl Zeiss	425520-9130-000	Each	$3,570.59	4.0%	$3,427.77
Science Laboratory and Teaching Supplies	425520-9160-000	Binocular phototube 30°/23 (98:2), reversed image - with 30° fixed angle, field of view 23mm - split ratio between camera and eyepieces is 98:2 - camera port with interface 60N - suitable for Fast Panorama or other scanning applications	Carl Zeiss	425520-9160-000	Each	$1,126.71	4.0%	$1,081.64
Science Laboratory and Teaching Supplies	425520-9410-000	Binocular phototube 30°/23 (50:50) module Consists of: - Binocular phototube 30°/23 (50:50), reversed image camera port with interface 60N	Carl Zeiss	425520-9410-000	Each	$1,209.10	4.0%	$1,160.74
Science Laboratory and Teaching Supplies	425520-9420-000	Binocular phototube 30°/23 (100:0/0:100) module Consists of: - Binocular phototube 30°/23 (100:0/0:100), reversed image with sliding prism, low-vibration prism switch, Camera port with interface 60N	Carl Zeiss	425520-9420-000	Each	$1,825.42	4.0%	$1,752.40
Science Laboratory and Teaching Supplies	425521-9020-000	Binocular phototube 15°/23 (100:0/0:100), upright image adjustable stop, camera port with interface 60N	Carl Zeiss	425521-9020-000	Each	$3,525.65	4.0%	$3,384.62
Science Laboratory and Teaching Supplies	425521-9040-000	Binocular phototube 20°/23 (100:0/0:100), reversed image with sliding prism, low-vibration prism switch. Camera port with interface 60N	Carl Zeiss	425521-9040-000	Each	$3,565.24	4.0%	$3,422.63
Science Laboratory and Teaching Supplies	425523-9020-000	Binocular phototube, left port 45°/23 (50:50) - upright and unreversed image - camera port with interface 60N	Carl Zeiss	425523-9020-000	Each	$1,790.11	4.0%	$1,718.51
Science Laboratory and Teaching Supplies	425523-9030-000	Binocular phototube, 45°/23 (50:50) - upright and unreversed image - camera port with interface 60N	Carl Zeiss	425523-9030-000	Each	$1,790.11	4.0%	$1,718.51
Science Laboratory and Teaching Supplies	425536-0000-000	Binocular phototube 45°/23 with sliding prism (100 % vis : 0% doc / 0% vis : 100% doc / 50% vis : 50% doc) with Bertrand lens and manual shutter for VIS, camera port with interface 60N	Carl Zeiss	425536-0000-000	Each	$5,347.86	4.0%	$5,133.95
Science Laboratory and Teaching Supplies	425517-0000-000	Binocular phototube Pol 15°/23 (100:0/0:100), upright image including quartz depolarizer, switchable reticle, focusing Bertrand lens and iris stop for the conoscopy of crystals >= 10 µm	Carl Zeiss	425517-0000-000	Each	$11,006.02	4.0%	$10,565.78
Science Laboratory and Teaching Supplies	425512-0000-000	Binocular Ergophototube 20°/23 (100:0/0:100), reversed image variable, continuous vertical adjustment 44 mm, camera port with interface 60N	Carl Zeiss	425512-0000-000	Each	$3,481.78	4.0%	$3,342.51
Science Laboratory and Teaching Supplies	425514-0000-000	Binocular Ergophototube 20°/23 MAT (100:0/0:100), upright image variable, continuous vertical adjustment 44 mm, camera port with interface 60N	Carl Zeiss	425514-0000-000	Each	$3,817.76	4.0%	$3,665.05
Science Laboratory and Teaching Supplies	425515-0000-000	Comfortable binocular Ergophototube 15°/23 (50:50), upright image variable, continuous horizontal and vertical adjustment of the binocular component, camera port with interface 60N	Carl Zeiss	425515-0000-000	Each	$3,802.78	4.0%	$3,650.67
Science Laboratory and Teaching Supplies	425520-9140-000	Binocular ergophototube -2° to 28°/25 (50:50), reversed image - with tiltable angle from -2° to 28°, field of view 25mm - split ratio between camera and eyepieces is 50:50 - camera port with interface 60N - additionally compatible with multidiscussion and co-observation setup (with FOV 23)	Carl Zeiss	425520-9140-000	Each	$3,213.21	4.0%	$3,084.68

Science Laboratory and Teaching Supplies	425520-9150-000	Binocular ergophototube -2° to 28°/23 (50:50), reversed image - with tiltable range from -2° to 28°, field of view 23mm - split ratio between camera and eyepieces is 50:50 - camera port with interface 60N - non-compatible with multidiscussion equipment	Carl Zeiss	425520-9150-000	Each	$2,515.57	4.0%	$2,414.95
Science Laboratory and Teaching Supplies	425518-9000-000	Tube module 60N, 100% to the camera, reversed image	Carl Zeiss	425518-9000-000	Each	$1,596.44	4.0%	$1,532.58
Science Laboratory and Teaching Supplies	425524-9000-000	Tube module 60N, 90° for Axioscan with 1x interface 60N	Carl Zeiss	425524-9000-000	Each	$716.90	4.0%	$688.22
Science Laboratory and Teaching Supplies	425524-9010-000	Tube module 3x 60N mot., 90° for Axio Scan.Z1 with 3x interface 60N with motorized switchover, for the use of max. 2 cameras	Carl Zeiss	425524-9010-000	Each	$2,820.52	4.0%	$2,707.70
Science Laboratory and Teaching Supplies	425524-9020-000	Tube module 3x 60N mot., 90° for Axioscan 7 with 3x interface 60N with motorized switch, including quartz depolarizer, for the use of max. 2 cameras	Carl Zeiss	425524-9020-000	Each	$3,826.32	4.0%	$3,673.27
Science Laboratory and Teaching Supplies	426137-9000-000	Magnification changer 4x, switchable 60N-60N for connection to 60N camera port, 4 switchable positions, adjustable stop, factor 1x already integrated, 3 empty positions for optional magnification modules	Carl Zeiss	426137-9000-000	Each	$2,281.24	4.0%	$2,189.99
Science Laboratory and Teaching Supplies	426137-9010-000	Module 0.5x for magnification changer suitable for cameras with a maximum sensor diagonal 11 mm	Carl Zeiss	426137-9010-000	Each	$1,141.69	4.0%	$1,096.02
Science Laboratory and Teaching Supplies	426137-9020-000	Module 1.6x for magnification changer suitable for cameras with a maximum sensor diagonal 11 mm	Carl Zeiss	426137-9020-000	Each	$761.84	4.0%	$731.37
Science Laboratory and Teaching Supplies	426137-9030-000	Module 2.5x for magnification changer suitable for cameras with a maximum sensor diagonal 11 mm	Carl Zeiss	426137-9030-000	Each	$761.84	4.0%	$731.37
Science Laboratory and Teaching Supplies	426137-9040-000	Module 4.0x for magnification changer suitable for cameras with a maximum sensor diagonal 11 mm	Carl Zeiss	426137-9040-000	Each	$761.84	4.0%	$731.37
Science Laboratory and Teaching Supplies	426137-9050-000	Module 5.0x for magnification changer suitable for cameras with a maximum sensor diagonal 11 mm	Carl Zeiss	426137-9050-000	Each	$761.84	4.0%	$731.37
Science Laboratory and Teaching Supplies	425141-8032-000	Attenuation filter for tubes Axio Imager on center comp. multidisc. for brightness compensation between main observer and several co-observers	Carl Zeiss	425141-8032-000	Each	$341.33	4.0%	$327.68
Science Laboratory and Teaching Supplies	425141-9901-000	Center component for multidiscussion, for tube carrier left and right for Axio Imager - dimmable LED pointer in 3 interchangable colors (red, green, white) - wide-range power unit for line voltages between 90 and 264V AC, with country-specific adapter - dust cover - suitable to field-of-view 23 mm	Carl Zeiss	425141-9901-000	Each	$4,215.80	4.0%	$4,047.17
Science Laboratory and Teaching Supplies	425143-9000-000	Center comp. Co-observation, for tube carrier light-intensive, left for Axio Imager - dimmable LED pointer in 3 interchangable colors (red, green, white) - wide-range power unit for line voltages between 90 and 264 V AC, with country-specific adapter - dust cover - suitable to field-of-view 23 mm	Carl Zeiss	425143-9000-000	Each	$5,097.48	4.0%	$4,893.58
Science Laboratory and Teaching Supplies	425145-9000-000	Center component for multidiscussion, for tube carrier left and right for Axioscope - dimmable LED pointer in 3 interchangable colors (red, green, white) - wide-range power unit for line voltages between 90 and 264V AC, with country-specific adapter - dust cover - suitable to field-of-view 23 mm	Carl Zeiss	425145-9000-000	Each	$4,074.56	4.0%	$3,911.58
Science Laboratory and Teaching Supplies	425145-9010-000	Center comp. Co-observation for Axioscope/Axiolab for tube carrier light-intensive, left or tube carrier multidiscussion for 2 tubes, end panel linear, l/r - dimmable LED pointer in 3 interchangable colors (red, green, white) - wide-range power unit for line voltages between 90 and 264 V AC, with country-specific adapter - dust cover - suitable to field-of-view 23 mm	Carl Zeiss	425145-9010-000	Each	$4,005.01	4.0%	$3,844.81
Science Laboratory and Teaching Supplies	425145-9020-000	Tube carrier multidiscussion for 2 tubes, connect linear left/right	Carl Zeiss	425145-9020-000	Each	$3,060.20	4.0%	$2,937.79
Science Laboratory and Teaching Supplies	425145-9030-000	Tube carrier multidiscussion for 1 tube, arm left deflection, connect	Carl Zeiss	425145-9030-000	Each	$3,093.37	4.0%	$2,969.64
Science Laboratory and Teaching Supplies	425145-9040-000	Tube carrier multidiscussion for 1 tube, arm right deflection, connect	Carl Zeiss	425145-9040-000	Each	$3,093.37	4.0%	$2,969.64
Science Laboratory and Teaching Supplies	425145-9050-000	Tube carrier multidiscussion for 2 tubes, end panel linear, l/r	Carl Zeiss	425145-9050-000	Each	$2,714.59	4.0%	$2,606.01
Science Laboratory and Teaching Supplies	425145-9060-000	Tube carrier for 1 Co-observer, light-intensive, end panel, left	Carl Zeiss	425145-9060-000	Each	$2,441.74	4.0%	$2,344.07
Science Laboratory and Teaching Supplies	425145-9070-000	Adaptation set for tubes Axio Scope.A1 on center comp. multidisc. Set of compensation plates, to be inserted instead of the tube lens of Axio Scope.A1 tubes/photo tubes for the main observer only, consisting of threaded mount including - glass plate, fixed - glass plate, exchangeable - attenuation filter, loosely supplied. Attenuation filter can be used instead of exchangeable glass plate for brightness compensation between main observer and several co-observers.	Carl Zeiss	425145-9070-000	Each	$272.85	4.0%	$261.94

Science Laboratory and Teaching Supplies	425145-9080-000	Dual observation unit - for two observers sitting in opposite or side-by-side position - field of view 23mm - compatible with Axioscope 5/7, Axio Scope.A1 and Axiolab 5 - with 4 color (blue, green, red and white) LED light pointer in field of view and power unit	Carl Zeiss	425145-9080-000	Each	$3,327.70	4.0%	$3,194.59
Science Laboratory and Teaching Supplies	425145-9180-000	Adjustable supporting element for dual observation unit - mandatory for Axiolab 5 and Axioscope 5/7 with dual observation unit	Carl Zeiss	425145-9180-000	Each	$194.74	4.0%	$186.95
Science Laboratory and Teaching Supplies	423733-9030-000	Intermediate tube TL/RL Pol conos., LED 3W 5000K, reflector turet 3x included: - reflected-light illumination with LED 3W 5000K - turret 3x with integrated Bertrand lens for objective 63x - secure lock on slider interfaces	Carl Zeiss	423733-9030-000	Each	$2,795.91	4.0%	$2,684.07
Science Laboratory and Teaching Supplies	423733-9100-000	Intermediate tube transmitted light with Bertrand system included: - swing in/out Bertrand system, transmitted light - focusable Bertrand lens - secure lock on slider interfaces	Carl Zeiss	423733-9100-000	Each	$2,192.43	4.0%	$2,104.73
Science Laboratory and Teaching Supplies	000000-1005-856	Optovar 2.5x	Carl Zeiss	000000-1005-856	Each	$1,555.78	4.0%	$1,493.55
Science Laboratory and Teaching Supplies	000000-1145-667	Optovar 1.25x	Carl Zeiss	000000-1145-667	Each	$1,201.61	4.0%	$1,153.55
Science Laboratory and Teaching Supplies	000000-1268-705	Optovar 1.6x	Carl Zeiss	000000-1268-705	Each	$1,139.55	4.0%	$1,093.97
Science Laboratory and Teaching Supplies	424934-0000-000	Optovar module 1.25x ACR P&C for transmitted light	Carl Zeiss	424934-0000-000	Each	$1,900.32	4.0%	$1,824.31
Science Laboratory and Teaching Supplies	424935-0000-000	Optovar module 1.6x ACR P&C for transmitted light	Carl Zeiss	424935-0000-000	Each	$1,842.54	4.0%	$1,768.84
Science Laboratory and Teaching Supplies	424936-0000-000	Optovar module 2.5x ACR P&C for transmitted light	Carl Zeiss	424936-0000-000	Each	$1,308.61	4.0%	$1,256.27
Science Laboratory and Teaching Supplies	425303-0000-000	Tube-lens 1.25x for Axio Imager/Axioscope for insertion in the tube-lens turret	Carl Zeiss	425303-0000-000	Each	$1,438.08	4.0%	$1,380.56
Science Laboratory and Teaching Supplies	425304-0000-000	Tube-lens 1.6x for Axio Imager/Axioscope for insertion in the tube-lens turret	Carl Zeiss	425304-0000-000	Each	$1,279.72	4.0%	$1,228.53
Science Laboratory and Teaching Supplies	425305-0000-000	Tube-lens 2.5x for Axio Imager/Axioscope for insertion in the tube-lens turret	Carl Zeiss	425305-0000-000	Each	$1,248.69	4.0%	$1,198.74
Science Laboratory and Teaching Supplies	425307-0000-000	Tube-lens 4.0x for Axio Imager/Axioscope for insertion in the tube-lens turret	Carl Zeiss	425307-0000-000	Each	$894.52	4.0%	$858.74
Science Laboratory and Teaching Supplies	425302-9901-000	5-position tube-lens turret, mot., with Bertrand system motorized switching, tube lens 1x and Bertrand system already integrated, 3 empty positions for optionally usable tube lenses	Carl Zeiss	425302-9901-000	Each	$4,233.99	4.0%	$4,064.63
Science Laboratory and Teaching Supplies	425309-9901-000	5-position tube-lens turret, cod., with Bertrand system tube lens 1x and Bertrand system already integrated, 3 empty positions for optionally usable tube lenses. Magnification factors can be read out. Software support by AxioVision as from Version 4.5 and ZEN 2011 (blue edition).	Carl Zeiss	425309-9901-000	Each	$3,907.64	4.0%	$3,751.33
Science Laboratory and Teaching Supplies	425313-9010-000	3-position tube-lens turret with tube-lens 1x tube lens 1x already integrated, 2 empty positions for optionally usable tube lenses with slot for use of analyzer sliders from the Axio Imager line	Carl Zeiss	425313-9010-000	Each	$2,204.20	4.0%	$2,116.03
Science Laboratory and Teaching Supplies	467830-0000-000	Heat protection filter KG 1, d=32x2	Carl Zeiss	467830-0000-000	Each	$159.43	4.0%	$153.05
Science Laboratory and Teaching Supplies	000000-1155-789	White-balance filter, d=32x1.5 mm for white-light adjustment and contrast enhancement in visual observation	Carl Zeiss	000000-1155-789	Each	$80.25	4.0%	$77.04
Science Laboratory and Teaching Supplies	427809-9000-000	Conversion filter 5700-3200 K, d=32 mm for adapting the LED light to the color impression of halogen light	Carl Zeiss	427809-9000-000	Each	$40.66	4.0%	$39.03
Science Laboratory and Teaching Supplies	427809-9000-500	Conversions filter 5700-3200 K, d=32 Module Consisting of: Conversion filter 5700-3200 K, d=32 mm for adapting the LED light to the color impression of halogen light	Carl Zeiss	427809-9000-500	Each	$40.66	4.0%	$39.03
Science Laboratory and Teaching Supplies	427809-9010-000	Conversion filter 5700-3200 K, d=25 mm for adapting the LED light to the color impression of halogen light	Carl Zeiss	427809-9010-000	Each	$39.59	4.0%	$38.01
Science Laboratory and Teaching Supplies	427809-9010-500	Conversion filter 5700-3200 K, d=25 mm Module Consisting of: Conversion filter 5700-3200 K, d=25 mm for adapting the LED light to the color impression of halogen light	Carl Zeiss	427809-9010-500	Each	$39.59	4.0%	$38.01
Science Laboratory and Teaching Supplies	447810-9000-000	White-balance filter, d=25x1.5 mm for white-light adjustment and contrast enhancement in visual observation	Carl Zeiss	447810-9000-000	Each	$81.32	4.0%	$78.07
Science Laboratory and Teaching Supplies	447810-9010-000	White-balance filter, d=36x2 mm for white-light adjustment and contrast enhancement in visual observation	Carl Zeiss	447810-9010-000	Each	$81.32	4.0%	$78.07
Science Laboratory and Teaching Supplies	447825-0000-000	Conversion filter 3200-5500K; d=25x2	Carl Zeiss	447825-0000-000	Each	$101.65	4.0%	$97.58
Science Laboratory and Teaching Supplies	000000-1374-896	Green filter, d=32x2 mm for contrast enhancement for phase contrast and b/w image recording	Carl Zeiss	000000-1374-896	Each	$31.03	4.0%	$29.79
Science Laboratory and Teaching Supplies	000000-1764-617	Color filter 1, mounted	Carl Zeiss	000000-1764-617	Each	$20.33	4.0%	$19.52
Science Laboratory and Teaching Supplies	000000-2450-639	Contrast-enhancing blue filter, d=32x2.75 mm for enhanced blue-red contrast, e.g. with HE stained slides	Carl Zeiss	000000-2450-639	Each	$100.58	4.0%	$96.56
Science Laboratory and Teaching Supplies	415500-1804-000	Color filter set blue, green, yellow, d=45x1.5 for Primo	Carl Zeiss	415500-1804-000	Each	$68.48	4.0%	$65.74
Science Laboratory and Teaching Supplies	427810-9000-500	**Green Filter D=32 Module Consisting of: Green filter, d=32x2 mm for contrast enhancement for phase contrast and b/w image recording**	Carl Zeiss	427810-9000-500	Each	$31.03	4.0%	$29.79

Science Laboratory and Teaching Supplies	447835-0000-000	Grey filter 0.06, d=25x2	Carl Zeiss	447835-0000-000	Each	$43.87	4.0%	$42.12
Science Laboratory and Teaching Supplies	447835-9500-000	Neutral Density Filter 0.06 D=25x2 Module Consisting of: Grey filter 0.06, d=25x2	Carl Zeiss	447835-9500-000	Each	$43.87	4.0%	$42.12
Science Laboratory and Teaching Supplies	447836-0000-000	Grey filter 0.25, d=25x2	Carl Zeiss	447836-0000-000	Each	$160.50	4.0%	$154.08
Science Laboratory and Teaching Supplies	447836-9500-000	Neutral Density Filter 0.25 D=25x2 Module Consisting of: Grey filter 0.25, d=25x2	Carl Zeiss	447836-9500-000	Each	$160.50	4.0%	$154.08
Science Laboratory and Teaching Supplies	415510-1813-000	Neutral-density filter 0.12 mounted, d=43 mm	Carl Zeiss	415510-1813-000	Each	$23.54	4.0%	$22.60
Science Laboratory and Teaching Supplies	424228-9060-000	Neutral-density filter 0.05 for condenser - for the use at transmitted-light brightfield with alternating Ph, PlasDIC, iHMC - to be inserted into free position of LD condensers with modulator disk	Carl Zeiss	424228-9060-000	Each	$87.74	4.0%	$84.23
Science Laboratory and Teaching Supplies	424931-0001-000	Neutral-density filter 0.10 d=23x1 for reflector module FL EC P&C	Carl Zeiss	424931-0001-000	Each	$40.66	4.0%	$39.03
Science Laboratory and Teaching Supplies	425145-9090-000	Neutral density filter 0.5 mounted for co-observer For insertion into tube carrier for co-observer. Filter is used to balance the brightness between the main and co-observers of the multi- discussion equipment.	Carl Zeiss	425145-9090-000	Each	$258.94	4.0%	$248.58
Science Laboratory and Teaching Supplies	425145-9100-000	Neutral density filter 0.25 mounted for co-observer For insertion into tube carrier for co-observer. Filter is used to balance the brightness between the main and co-observers of the multi- discussion equipment.	Carl Zeiss	425145-9100-000	Each	$258.94	4.0%	$248.58
Science Laboratory and Teaching Supplies	467848-0000-000	Neutral-density filter 0.06, d=32x2	Carl Zeiss	467848-0000-000	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	467848-0000-500	ND filter 0.06, d=32x2mm Module Consisting of: Neutral-density filter 0.06, d=32x2mm	Carl Zeiss	467848-0000-500	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	467849-0000-000	Neutral-density filter 0.25; d=32x2	Carl Zeiss	467849-0000-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	487935-9000-000	Neutral-density filter set D, d=32 mm Axio Examiner consisting of 5 neutral-density filters with 50%, 25%, 12%, 6% and 1.5% transmission	Carl Zeiss	487935-9000-000	Each	$324.21	4.0%	$311.24
Science Laboratory and Teaching Supplies	415510-1900-000	Interference filter green, d=45 mm	Carl Zeiss	415510-1900-000	Each	$96.30	4.0%	$92.45
Science Laboratory and Teaching Supplies	447805-9901-000	IF green filter, d=25x4	Carl Zeiss	447805-9901-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	467803-0000-000	Interference wide-band filter green, d=32x4	Carl Zeiss	467803-0000-000	Each	$93.09	4.0%	$89.37
Science Laboratory and Teaching Supplies	467876-0001-000	IR blocking filter d=42x2.5 Blocking of the IR part between 735-1200 nm, suitable for HBO- and HAL 100 illuminators	Carl Zeiss	467876-0001-000	Each	$156.22	4.0%	$149.97
Science Laboratory and Teaching Supplies	423052-0101-000	Beam combiner 425 nm for illumination system Colibri	Carl Zeiss	423052-0101-000	Each	$593.85	4.0%	$570.10
Science Laboratory and Teaching Supplies	423052-0102-000	Beam combiner 490 nm for illumination system Colibri	Carl Zeiss	423052-0102-000	Each	$593.85	4.0%	$570.10
Science Laboratory and Teaching Supplies	423052-0103-000	Beam combiner 565 nm for illumination system Colibri	Carl Zeiss	423052-0103-000	Each	$606.69	4.0%	$582.42
Science Laboratory and Teaching Supplies	423052-0105-000	Beam combiner 660 nm 26x36 mm Suitable for beam splitting between VIS (fluorescence) and IR (IR-DIC or IR-Dodt) in dual camera adapters and in the zoom photo tube with two camera ports	Carl Zeiss	423052-0105-000	Each	$279.27	4.0%	$268.10
Science Laboratory and Teaching Supplies	489076-8113-001	Beam combiner 80/20 for laser manipulation/CSU-X1 (E) optimized for the dyes CFP, GFP and DsRed with excitation wavelengths 405nm, 488nm and 561nm and emission wavelengths 435-470nm, 410-540nm and 585-630nm. 80% reflection of the laser for manipulation. The observation with the SD system is done with 20% excitation and maximum transmission for the fluorescence. The beam combiner is used with the reflector revolver and needs a reflector module.	Carl Zeiss	489076-8113-001	Each	$1,845.75	4.0%	$1,771.92
Science Laboratory and Teaching Supplies	000000-1682-049	Filter LP 695 d=25 mm for Dual Camera applications with IR and FL to be inserted in front of the camera when using IR DIC and IR-Dodt (770 nm)	Carl Zeiss	000000-1682-049	Each	$136.96	4.0%	$131.48
Science Laboratory and Teaching Supplies	423052-0104-000	Beam combiner 535 nm for illumination system Colibri	Carl Zeiss	423052-0104-000	Each	$593.85	4.0%	$570.10
Science Laboratory and Teaching Supplies	446431-0011-000	Beam combiner 395 nm for illumination system Colibri	Carl Zeiss	446431-0011-000	Each	$556.40	4.0%	$534.14
Science Laboratory and Teaching Supplies	446436-0001-000	Beam combiner 600 nm for illumination system Colibri	Carl Zeiss	446436-0001-000	Each	$589.57	4.0%	$565.99
Science Laboratory and Teaching Supplies	447743-0000-000	IF yellow filter LP 515 dia. 25x2mm	Carl Zeiss	447743-0000-000	Each	$583.15	4.0%	$559.82
Science Laboratory and Teaching Supplies	424533-9070-000	IR blocking filter, mounted (BP 400-750 nm), d=32 mm	Carl Zeiss	424533-9070-000	Each	$368.08	4.0%	$353.36
Science Laboratory and Teaching Supplies	427918-9000-000	Phosphorescence block filter for LED transmitted-light illumination	Carl Zeiss	427918-9000-000	Each	$501.83	4.0%	$481.76
Science Laboratory and Teaching Supplies	447958-9000-000	Filter IR BP 750-790 nm d=32 x 2 mm for IR-DIC	Carl Zeiss	447958-9000-000	Each	$650.56	4.0%	$624.54
Science Laboratory and Teaching Supplies	447958-9010-000	Filter IR BP 750-990 d=36mm x 3mm for IR-Dodt	Carl Zeiss	447958-9010-000	Each	$684.80	4.0%	$657.41
Science Laboratory and Teaching Supplies	489110-9040-000	Filter Set 110 EmF DAPI+GFP+AF594+Cy7 (E) for use with emission filter wheel consisting of: EM BP 425/30 EM BP 525/50 EM BP 647/70 EM BP 785/38	Carl Zeiss	489110-9040-000	Each	$2,895.42	4.0%	$2,779.60
Science Laboratory and Teaching Supplies	489112-9040-000	Filter Set 112 EmF DAPI+GFP+DsRed+Cy5+Cy7 (E) for use with emission filter wheel. Consisting of: EM BP 425/30 EM BP 514/30 EM BP 592/24 EM BP 681/45 EM BP 785/38	Carl Zeiss	489112-9040-000	Each	$3,619.81	4.0%	$3,475.02
Science Laboratory and Teaching Supplies	000000-1058-230	Filter set D containing 3 grey filters 0.015/0.06/0.25, d=36 mm	Carl Zeiss	000000-1058-230	Each	$342.40	4.0%	$328.70

Science Laboratory and Teaching Supplies	487931-9901-000	Neutral-density filter set D/A, d=25 attenuation up to 0.0028 % possible. For integration in filter wheels, discrete, man. or mot. Not usable for HBO/XBO	Carl Zeiss	487931-9901-000	Each	$311.37	4.0%	$298.92
Science Laboratory and Teaching Supplies	487935-9010-000	Filter set transm. light with neutral-density and color filters, d=25 consisting of 4 neutral-density filters with 1x 25%, 2x 6% and 1x 1.5% transmission, as well as 1x green filter and 1x conversion filter 3200-5500K. For integration in filter wheels, discrete, man. or mot. Not usable for HBO/XBO	Carl Zeiss	487935-9010-000	Each	$358.45	4.0%	$344.11
Science Laboratory and Teaching Supplies	487935-9020-000	Neutral-density filter set for reflected light, d=25 consisting of 7 neutral-density filters with 2x 50%, 25%, 3x 12% and 3% transmission, for integration in filter wheels, discrete, man. or mot., for the use at strongly reflective samples with HAL 100 illuminator, also suitable for HBO/XBO	Carl Zeiss	487935-9020-000	Each	$1,171.65	4.0%	$1,124.78
Science Laboratory and Teaching Supplies	488082-0000-000	Filter set 82 Dendra shift free (E) consisting of: BP 565/30 for ext. excitation filter wheel for observation EX TBP 407/32+510/16+565/17 BS TFT 431+525+580 EM BP 620/60	Carl Zeiss	488082-0000-000	Each	$4,619.19	4.0%	$4,434.42
Science Laboratory and Teaching Supplies	488083-0000-000	Filter set 83 Dronpa shift free (E) consisting of: BP485/20 for ext. excitation filter wheel for observation EX DBP 410/16 + 489/22 BS FT 440 + 505 EM BP 515-565	Carl Zeiss	488083-0000-000	Each	$2,199.92	4.0%	$2,111.92
Science Laboratory and Teaching Supplies	000000-1031-346	Filter set 38 Endow GFP shift free (E) EX BP 470/40, BS FT 495, EM BP 525/50, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	000000-1031-346	Each	$1,285.07	4.0%	$1,233.67
Science Laboratory and Teaching Supplies	000000-1031-350	Filter set 31 Cy 3.5 shift free (E) EX BP 565/30, BS FT 585, EM BP 620/60	Carl Zeiss	000000-1031-350	Each	$1,285.07	4.0%	$1,233.67
Science Laboratory and Teaching Supplies	000000-1114-101	Filter set 43 Cy 3, d=25 shift free (E) EX BP 545/25, BS FT 570, EM BP 605/70, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	000000-1114-101	Each	$1,277.58	4.0%	$1,226.48
Science Laboratory and Teaching Supplies	000000-1114-459	Filter set 44 FITC special, d=25 shift free (E) EX BP 475/40, BS FT 500, EM BP 530/50	Carl Zeiss	000000-1114-459	Each	$1,277.58	4.0%	$1,226.48
Science Laboratory and Teaching Supplies	000000-1114-462	Filter set 45 HQ TexasRed, d=25 shift free (E) EX BP 560/40, BS FT 585, EM BP 630/75, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	000000-1114-462	Each	$1,277.58	4.0%	$1,226.48
Science Laboratory and Teaching Supplies	000000-1196-681	Filter set 46 YFP shift free (E) EX BP 500/20, BS FT 515, EM BP 535/30	Carl Zeiss	000000-1196-681	Each	$1,179.14	4.0%	$1,131.97
Science Laboratory and Teaching Supplies	000000-1196-682	Filter set 47 CFP shift free (E) EX BP 436/20, BS FT 455, EM BP 480/40	Carl Zeiss	000000-1196-682	Each	$822.83	4.0%	$789.92
Science Laboratory and Teaching Supplies	000000-1196-684	Filter set 48 FRET CFP/YFP shift free (E) EX BP 436/20, BS FT 455, EM BP 535/30	Carl Zeiss	000000-1196-684	Each	$822.83	4.0%	$789.92
Science Laboratory and Teaching Supplies	415101-5201-110	Filter Set 10 C advanced For Alexa 488, eGFP, FITC, Fluorescein, GFP, SYBR Green I excitation: BP 450 - 490 emission: BP 515 - 565 beam splitter: HR355+470+1064 HT530-560/45 BBAR	Carl Zeiss	415101-5201-110	Each	$2,061.89	4.0%	$1,979.41
Science Laboratory and Teaching Supplies	415101-5201-310	Filter Set 14 C advanced For DsRed, MitoTracker Orange, Rhodamin excitation: BP 510 - 560 emission: LP 590 beam splitter: HR355+540+1064 HT600+vis/45 BBAR	Carl Zeiss	415101-5201-310	Each	$1,995.55	4.0%	$1,915.73
Science Laboratory and Teaching Supplies	415101-5201-810	Filter Set 09 C advanced For Alexa 488, eGFP, FITC, Fluorescein, GFP, MitoTracker Green excitation: BP 450 - 490 emission: LP 515 beam splitter: HR355+470+1064 HT530-560/45 BBAR	Carl Zeiss	415101-5201-810	Each	$3,021.68	4.0%	$2,900.81
Science Laboratory and Teaching Supplies	423052-9890-000	Fluorescence module for LED 385<(>&<)>470&565nm Consists of: - LED-module 385nm - LED-module 470nm - LED-module 565nm - Filter set 109 HE LED with reflector module - Antiglare screen	Carl Zeiss	423052-9890-000	Each	$6,005.91	4.0%	$5,765.67
Science Laboratory and Teaching Supplies	488000-0000-000	Filter set 00 shift free (F) EX BP 530-585, BS FT 600, EM LP 615	Carl Zeiss	488000-0000-000	Each	$1,009.01	4.0%	$968.65
Science Laboratory and Teaching Supplies	488001-9901-000	Filter set 01 shift free (F) EX BP 365/12, BS FT 395, EM LP 397	Carl Zeiss	488001-9901-000	Each	$813.20	4.0%	$780.67
Science Laboratory and Teaching Supplies	488001-9901-400	Filter Set 01 with Reflector Module FL EC P&C (F) Filter Set 01 shift free consisting of filters EX BP 365/12, BS FT 395, EM LP 397 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488001-9901-400	Each	$1,123.50	4.0%	$1,078.56
Science Laboratory and Teaching Supplies	488002-9901-000	Filter set 02 shift free (F) EX G 365, BS FT 395, EM LP 420	Carl Zeiss	488002-9901-000	Each	$543.56	4.0%	$521.82
Science Laboratory and Teaching Supplies	488002-9901-400	Filter Set 02 with Reflector Module FL EC P&C (F) Filter Set 02 shift free consisting of filters EX G 365, BS FT 395, EM LP 420 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488002-9901-400	Each	$853.86	4.0%	$819.71

Science Laboratory and Teaching Supplies	488009-9100-400	Filter Set 09 E IND with Reflector Module FL EC P&C Filter Set 09 E IND shift free consisting of filters EX BP 470/40, BS FT 510, EM LP 515 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488009-9100-400	Each	$1,022.92	4.0%	$982.00
Science Laboratory and Teaching Supplies	488009-9901-000	Filter set 09 shift free (F) EX BP 450-490, BS FT 510, EM LP 515	Carl Zeiss	488009-9901-000	Each	$771.47	4.0%	$740.61
Science Laboratory and Teaching Supplies	488009-9901-400	Filter Set 09 with Reflector Module FL EC P&C (F) Filter Set 09 shift free consisting of filters EX BP 470/40, BS FT 510, EM LP 515 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488009-9901-400	Each	$1,081.77	4.0%	$1,038.50
Science Laboratory and Teaching Supplies	488010-9901-000	Filter set 10 shift free (F) EX BP 450-490, BS FT 510, EM BP 515-565	Carl Zeiss	488010-9901-000	Each	$1,108.52	4.0%	$1,064.18
Science Laboratory and Teaching Supplies	488010-9901-400	Filter Set 10 with Reflector Module FL EC P&C (F) Filter Set 10 shift free consisting of filters EX BP 470/40, BS FT 510, EM BP 540/50 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488010-9901-400	Each	$1,418.82	4.0%	$1,362.07
Science Laboratory and Teaching Supplies	488014-0000-000	Filter set 14 shift free (F) EX BP 510-560, BS FT 580, EM LP 590	Carl Zeiss	488014-0000-000	Each	$904.15	4.0%	$867.98
Science Laboratory and Teaching Supplies	488014-0000-400	Filter Set 14 with Reflector Module FL EC P&C (F) Filter Set 14 shift free consisting of filters EX BP 535/50, BS FT 580, EM LP 590 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488014-0000-400	Each	$1,214.45	4.0%	$1,165.87
Science Laboratory and Teaching Supplies	488015-0000-000	Filter set 15 shift free (F) EX BP 546/12, BS FT 580, EM LP 590	Carl Zeiss	488015-0000-000	Each	$693.36	4.0%	$665.63
Science Laboratory and Teaching Supplies	488015-0000-400	Filter Set 15 with Reflector Module FL EC P&C (F) Filter Set 15 shift free consisting of filters EX BP 546/12, BS FT 580, EM LP 590 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488015-0000-400	Each	$1,003.66	4.0%	$963.51
Science Laboratory and Teaching Supplies	488020-9901-000	Filter set 20 Rhodamin shift free (F) EX BP 546/12, BS FT 560, EM BP 575-640	Carl Zeiss	488020-9901-000	Each	$737.23	4.0%	$707.74
Science Laboratory and Teaching Supplies	488020-9901-400	Filter Set 20 with Reflector Module FL EC P&C (F) Filter Set 20 shift free consisting of filters EX BP 546/12, BS FT 560, EM BP 608/65 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488020-9901-400	Each	$1,047.53	4.0%	$1,005.63
Science Laboratory and Teaching Supplies	488025-0000-000	Filter set 25 DAPI + FITC + Texas Red shift free (F) EX TBP 400+495+570, BS FT 410+505+585, EM TBP 460+530+625	Carl Zeiss	488025-0000-000	Each	$1,456.27	4.0%	$1,398.02
Science Laboratory and Teaching Supplies	488025-0000-400	Filter Set 25 with Reflector Module FL EC P&C (F) Filter Set 25 shift free consisting of filters EX TBP 400+495+570, BS FT 410+505+585, EM TBP 460+530+625 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488025-0000-400	Each	$1,755.87	4.0%	$1,685.64
Science Laboratory and Teaching Supplies	488031-9100-400	Filter Set 31 with Reflector Module FL EC P&C (E) Filter Set 31 shift free consisting of filters EX BP 565/30, BS FT 585, EM BP 620/60 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488031-9100-400	Each	$1,595.37	4.0%	$1,531.56
Science Laboratory and Teaching Supplies	488038-9100-400	Filter Set 38 with Reflector Module FL EC P&C (E) Filter Set 38 shift free consisting of filters EX BP 470/40, BS FT 495, EM BP 525/50 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488038-9100-400	Each	$1,595.37	4.0%	$1,531.56
Science Laboratory and Teaching Supplies	488043-9100-400	Filter Set 43 with Reflector Module FL EC P&C (E) Filter Set 43 shift free consisting of filters EX BP 545/25, BS FT 570, EM BP 605/70 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488043-9100-400	Each	$1,587.88	4.0%	$1,524.36
Science Laboratory and Teaching Supplies	488044-9100-400	Filter Set 44 with Reflector Module FL EC P&C (E) Filter Set 44 shift free consisting of filters EX BP 475/40, BS FT 500, EM BP 530/50 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488044-9100-400	Each	$1,587.88	4.0%	$1,524.36
Science Laboratory and Teaching Supplies	488045-9100-400	Filter Set 45 with Reflector Module FL EC P&C (E) Filter Set 45 shift free consisting of filters EX BP 560/40, BS FT 585, EM BP 630/75 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488045-9100-400	Each	$1,587.88	4.0%	$1,524.36
Science Laboratory and Teaching Supplies	488047-9100-400	Filter Set 47 with Reflector Module FL EC P&C (E) Filter Set 47 shift free consisting of filters EX BP 436/20, BS FT 455, EM BP 480/40 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488047-9100-400	Each	$1,133.13	4.0%	$1,087.80
Science Laboratory and Teaching Supplies	488049-9901-000	Filter set 49 DAPI shift free (E) EX G 365, BS FT 395, EM BP 445/50	Carl Zeiss	488049-9901-000	Each	$798.22	4.0%	$766.29
Science Laboratory and Teaching Supplies	488050-9901-000	Filter set 50 Cy 5 shift free (E) EX BP 640/30, BS FT 660, EM BP 690/50, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	488050-9901-000	Each	$1,132.06	4.0%	$1,086.78

Science Laboratory and Teaching Supplies	488050-9901-400	Filter Set 50 with Reflector Module FL EC P&C (E) Filter Set 50 shift free consisting of filters EX BP 640/30, BS FT 660, EM BP 690/50 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488050-9901-400	Each	$1,700.23	4.0%	$1,632.22
Science Laboratory and Teaching Supplies	488071-0000-000	Filterset 71 shift free (E) EX BP 592/24, BS FT 615, EM BP 675/100	Carl Zeiss	488071-0000-000	Each	$1,776.20	4.0%	$1,705.15
Science Laboratory and Teaching Supplies	488071-0000-400	Filter Set 71 with Reflector Module FL EC P&C (E) Filter Set 71 shift free consisting of filters EX BP 592/24, BS FT 615, EM BP 675/100 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488071-0000-400	Each	$2,086.50	4.0%	$2,003.04
Science Laboratory and Teaching Supplies	488095-9100-000	Filter set 95 eGFP+mCherry shift free (E) EX DBP 475/20+583/25, DBS FT 495+600, EM DBP 518/25+625/30	Carl Zeiss	488095-9100-000	Each	$2,081.15	4.0%	$1,997.90
Science Laboratory and Teaching Supplies	488106-9100-000	Filter Set 106 (E) EX BP 420/40, BS FT 465, EM LP 470/00 Filter set for fluorometric quantification of rock samples.	Carl Zeiss	488106-9100-000	Each	$1,766.57	4.0%	$1,695.91
Science Laboratory and Teaching Supplies	489020-0000-000	Filter set 20 HE Rhodamin shift free (E) EX BP 546/12, BS FT 560, EM BP 607/80	Carl Zeiss	489020-0000-000	Each	$1,656.36	4.0%	$1,590.11
Science Laboratory and Teaching Supplies	489021-0000-000	Filter set 21 HE Fura 2 shift free (E) EX BP 340/30, EX BP 387/15, BS FT 409, EM BP 510/90, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489021-0000-000	Each	$2,175.31	4.0%	$2,088.30
Science Laboratory and Teaching Supplies	489025-0000-000	Filter set 25 HE shift free (E) EX TBP 405+495+575, BS TFT 435+510+600, EM TBP 460+530+625	Carl Zeiss	489025-0000-000	Each	$2,330.46	4.0%	$2,237.24
Science Laboratory and Teaching Supplies	489038-9901-000	Filter set 38 HE eGFP shift free (E) EX BP 470/40, BS FT 495, EM BP 525/50, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489038-9901-000	Each	$1,553.64	4.0%	$1,491.49
Science Laboratory and Teaching Supplies	489043-9901-000	Filter set 43 HE Cy 3 shift free (E) EX BP 550/25, BS FT 570, EM BP 605/70, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489043-9901-000	Each	$1,717.35	4.0%	$1,648.66
Science Laboratory and Teaching Supplies	489043-9901-400	Filter Set 43 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 43 HE shift free consisting of filters EX BP 550/25, BS FT 570, EM BP 605/70 inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489043-9901-400	Each	$2,027.65	4.0%	$1,946.54
Science Laboratory and Teaching Supplies	489046-9901-000	Filter set 46 HE YFP shift free (E) EX BP 500/25, BS FT 515, EM BP 535/30	Carl Zeiss	489046-9901-000	Each	$1,863.94	4.0%	$1,789.38
Science Laboratory and Teaching Supplies	489046-9901-400	Filter Set 46 HE with Reflector Module FL EC P&C (E) Filter Set 46 HE shift free consisting of filters EX BP 500/25, BS FT 515, EM BP 535/30 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	489046-9901-400	Each	$2,174.24	4.0%	$2,087.27
Science Laboratory and Teaching Supplies	489047-9901-000	Filter set 47 HE CFP shift free (E) EX BP 436/25, BS FT 455, EM BP 480/40	Carl Zeiss	489047-9901-000	Each	$1,824.35	4.0%	$1,751.38
Science Laboratory and Teaching Supplies	489047-9901-400	Filter Set 47 HE with Reflector Module FL EC P&C (E) Filter Set 47 HE shift free consisting of filters EX BP 436/25, BS FT 455, EM BP 480/40 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	489047-9901-400	Each	$2,134.65	4.0%	$2,049.26
Science Laboratory and Teaching Supplies	489056-0000-000	Filter set 56 HE GFP + DsRed shift free (E) EX (GFP) BP 470/27, EX (DsRed) BP 556/25, BS DFT 490+575, EM DBP 512/30+630/98	Carl Zeiss	489056-0000-000	Each	$2,488.82	4.0%	$2,389.27
Science Laboratory and Teaching Supplies	489056-9010-000	Filter Set 56 SBP GFP+DsRed for use with excitation and emission filter wheel Consisting of: EX BP 469/38 EX BP 555/30 BS 490 + 575 EM BP 514/30 EM BP 630/98	Carl Zeiss	489056-9010-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489056-9110-000	Filter set 56 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like GFP and DsRed with excitation wavelengths 475 and 555 nm. Contains beam splitter DBS 490 + 575 and emission filter DBP 512/30 + 630/98.	Carl Zeiss	489056-9110-000	Each	$1,926.00	4.0%	$1,848.96
Science Laboratory and Teaching Supplies	489056-9110-400	Filter Set 56 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 56 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 475 and 555 nm. Consisting of filters DFT 490 + 575 and DBP 512/30 + 630/98 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489056-9110-400	Each	$2,236.30	4.0%	$2,146.85
Science Laboratory and Teaching Supplies	489056-9120-000	Filter Set 56 LED SBP GFP+DsRed for use with ZEISS LED fluorescence light sources and emission filter wheel. Consisting of: BS 490 + 575 EM BP 514/30 EM BP 630/98	Carl Zeiss	489056-9120-000	Each	$1,964.52	4.0%	$1,885.94

Science Laboratory and Teaching Supplies	489056-9130-000	Filter Set 56 MBP GFP+DsRed for use with excitation filter wheel Consisting of: EX BP 469/38 EX BP 540-570 BS 490 + 575 EM MBP 513/28 + 630/98	Carl Zeiss	489056-9130-000	Each	$1,964.52	4.0%	$1,885.94
Science Laboratory and Teaching Supplies	489062-9901-000	Filter set 62 HE BFP + GFP + HcRed shift free (E) optimized for use with the illumination system Colibri EX BP 370/40 o. BP 474/28 o. BP 585/35 BS TFT 395+495+610 EM DBP 425/46+527/54+LP 615	Carl Zeiss	489062-9901-000	Each	$3,161.85	4.0%	$3,035.38
Science Laboratory and Teaching Supplies	489063-0000-000	Filter set 63 HE mRFP shift free (E) EX BP 572/25, BS FT 590, EM BP 629/62	Carl Zeiss	489063-0000-000	Each	$1,805.09	4.0%	$1,732.89
Science Laboratory and Teaching Supplies	489063-0000-400	Filter Set 63 HE with Reflector Module FL EC P&C (E) Filter Set 63 HE shift free consisting of filters EX BP 572/25, BS FT 590, EM BP 629/62 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	489063-0000-400	Each	$2,115.39	4.0%	$2,030.77
Science Laboratory and Teaching Supplies	489064-0000-000	Filter set 64 HE mPlum shift free (E) EX BP 587/25, BS FT 605, EM BP 647/70, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489064-0000-000	Each	$1,804.02	4.0%	$1,731.86
Science Laboratory and Teaching Supplies	489064-0000-400	Filter Set 64 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 64 HE shift free consisting of filters EX BP 587/25, BS FT 605, EM BP 647/70 inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489064-0000-400	Each	$2,114.32	4.0%	$2,029.75
Science Laboratory and Teaching Supplies	489070-0000-000	Filter set 70 HE Alexa 430 shift free (E) EX BP 430/60, BS FT 500, EM BP 550/100, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489070-0000-000	Each	$1,636.03	4.0%	$1,570.59
Science Laboratory and Teaching Supplies	489070-0000-400	Filter Set 70 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 70 HE shift free consisting of filters EX BP 430/60, BS FT 500, EM BP 550/100 inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489070-0000-400	Each	$1,946.33	4.0%	$1,868.48
Science Laboratory and Teaching Supplies	489074-0000-000	Filter set 74 HE GFP+mRFP shift free (E) EX DBP 480/30+565/25; BS DFT 505+583; EM DBP 525/31+616/57	Carl Zeiss	489074-0000-000	Each	$2,682.49	4.0%	$2,575.19
Science Laboratory and Teaching Supplies	489077-0000-000	Filter set 77 HE GFP+mRFP+Alexa 633 shift free (E) EX TBP 483+564+642; BS TFT 506+582+659; EM TBP 526+601+688	Carl Zeiss	489077-0000-000	Each	$2,900.77	4.0%	$2,784.74
Science Laboratory and Teaching Supplies	489078-9000-000	Filter set 78 HE wl CFP+YFP dual camera (E) for excitation with white light sources. Consisting of EX DBP 445/25+510/15 for CFP and YFP main beam splitter DFT 460+520 secondary beam splitter FT 510 EM BP 480/22 and EM LP 530	Carl Zeiss	489078-9000-000	Each	$3,302.02	4.0%	$3,169.94
Science Laboratory and Teaching Supplies	489078-9010-000	Filter set 78 HE ms CFP+YFP dual camera (E) for excitation with multi spectral light sources. Consisting of EX BP 445/25 for CFP EX BP 510/15 for YFP main beam splitter DFT 460+520 secondary beam splitter FT 510 EM BP 480/22 and EM LP 530	Carl Zeiss	489078-9010-000	Each	$3,665.82	4.0%	$3,519.19
Science Laboratory and Teaching Supplies	489079-9000-000	Filter set 79 HE wl GFP+mRFP dual camera (E) for excitation with white light sources. Consisting of EX DBP 470/27+556/25 for GFP and mRFP main beam splitter DFT 490+575 secondary beam splitter FT 565 EM BP 512/30 and EM BP 630/98	Carl Zeiss	489079-9000-000	Each	$2,862.25	4.0%	$2,747.76
Science Laboratory and Teaching Supplies	489079-9010-000	Filter set 79 HE ms GFP+mRFP dual camera (E) for excitation with multi spectral light sources. Consisting of EX BP 470/27 for GFP EX BP 556/25 for mRFP main beam splitter DFT 490+575 secondary beam splitter FT 565 EM BP 512/30 and EM BP 630/98	Carl Zeiss	489079-9010-000	Each	$3,300.95	4.0%	$3,168.91
Science Laboratory and Teaching Supplies	489090-9010-000	Filter Set 90 SBP DAPI+GFP+DsRed+Cy5 for use with excitation and emission filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 555/30 EX BP 631/33 BS 405 + 493 + 575 + 653 EM BP 425/30 EM BP 514/30 EM BP 592/25 EM BP 681/45	Carl Zeiss	489090-9010-000	Each	$3,995.38	4.0%	$3,835.56
Science Laboratory and Teaching Supplies	489090-9030-000	Filter Set 90 HE for Celldiscoverer 7 (E) quadruple filter set for the excitation wavelenghts 385nm, 470nm, 555nm and 625nm, consisting of: RQBS 405+493+575+653 EM QBP 425/30+514/30+592/25+709/100	Carl Zeiss	489090-9030-000	Each	$4,177.28	4.0%	$4,010.19

Science Laboratory and Teaching Supplies	489090-9100-000	Filter set 90 HE ms DAPI+FITC+TRITC+Cy5 shift free (E) for excitation with multi spectral light sources. Consisting of: EX BP 385/30 for DAPI EX BP 469/38 for FITC EX BP 555/30 for TRITC EX BP 631/33 for Cy5 QBS 405+493+575+653 EM QBP 425/30+514/30+592/25+709/100. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489090-9100-000	Each	$3,363.01	4.0%	$3,228.49
Science Laboratory and Teaching Supplies	489090-9100-400	Filter Set 90 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 90 HE shift free for excitation with multi spectral light sources. Consisting of EX BP 385/30 for DAPI EX BP 469/38 for FITC EX BP 555/30 for TRITC EX BP 631/33 for Cy5 QBS 405+493+575+653 EM QBP 425/30+514/30+592/25+709/100. BS and EM inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489090-9100-400	Each	$3,673.31	4.0%	$3,526.38
Science Laboratory and Teaching Supplies	489090-9110-000	Filter set 90 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like DAPI, FITC, TRITC and Cy5 with excitation wavelengths 385, 475, 555 and 630 nm. Contains beam splitter QBS 405 + 493 + 575 + 653 and emission filter QBP 425/30 + 514/30 + 592/25 + 709/100.	Carl Zeiss	489090-9110-000	Each	$1,946.33	4.0%	$1,868.48
Science Laboratory and Teaching Supplies	489090-9120-000	Filter Set 90 LED SBP DAPI+GFP+DsRed+Cy5 for use with ZEISS LED fluorescence light sources and emission filter wheel Consisting of: BS 405 + 493 + 575 + 653 EM BP 425/30 EM BP 514/30 EM BP 592/25 EM BP 681/45	Carl Zeiss	489090-9120-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489090-9130-000	Filter Set 90 MBP DAPI+GFP+DsRed+Cy5 for use with excitation filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 555/30 EX BP 631/33 BS 405 + 493 + 575 + 653 EM MBP 425/30 + 514/30 + 592/25 + 709/100	Carl Zeiss	489090-9130-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489091-9010-000	Filter Set 91 SBP CFP+YFP+AF594 for use with excitation and emission filter wheel Consisting of: EX BP 423/44 EX BP 508/20 EX BP 591/27 BS 450 + 538 + 610 EM BP 467/24 EM BP 558/25 EM BP 649/65	Carl Zeiss	489091-9010-000	Each	$3,275.27	4.0%	$3,144.26
Science Laboratory and Teaching Supplies	489091-9030-000	Filter Set 91 HE for Celldiscoverer 7 (E) triple filter set for the excitation wavelenghts 420nm, 520nm and 590nm, consisting of: RTBS 450+538+610 EM TBP 467/24+555/25+687/145	Carl Zeiss	489091-9030-000	Each	$4,177.28	4.0%	$4,010.19
Science Laboratory and Teaching Supplies	489091-9110-000	Filter set 91 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like CFP, YFP and mCherry with excitation wavelengths 430, 508 and 590 nm. Contains beam splitter TBS 450 + 538 + 610 and emission filter TBP 467/24 + 555/25 + 687/145.	Carl Zeiss	489091-9110-000	Each	$2,214.90	4.0%	$2,126.30
Science Laboratory and Teaching Supplies	489091-9110-400	Filter Set 91 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 91 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 430, 508 and 590 nm. Consisting of filters TFT 450 + 538 + 610 and TBP 467/24 + 555/25 + 687/145 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489091-9110-400	Each	$2,525.20	4.0%	$2,424.19
Science Laboratory and Teaching Supplies	489091-9120-000	Filter Set 91 LED SBP CFP+YFP+AF594 for use with ZEISS LED fluorescence light sources and emission filter wheel. Consisting of: BS 450 + 538 + 610 EM BP 467/24 EM BP 558/25 EM BP 649/65	Carl Zeiss	489091-9120-000	Each	$2,551.95	4.0%	$2,449.87
Science Laboratory and Teaching Supplies	489091-9130-000	Filter Set 91 MBP CFP+YFP+AF594 for use with excitation filter wheel Consisting of: EX BP 423/44 EX BP 508/20 EX BP 591/27 BS 450 + 538 + 610 EM MBP 467/24 + 555/25 + 687/145	Carl Zeiss	489091-9130-000	Each	$2,551.95	4.0%	$2,449.87
Science Laboratory and Teaching Supplies	489092-9010-000	Filter Set 92 SBP DAPI+GFP+AF594 for use with exciation and emission filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 591/27 BS 405 + 493 + 610 EM BP 425/30 EM BP 525/50 EM BP 649/65	Carl Zeiss	489092-9010-000	Each	$3,275.27	4.0%	$3,144.26
Science Laboratory and Teaching Supplies	489092-9030-000	Filter Set 92 HE for Celldiscoverer 7 (E) triple filter set for the excitation wavelenghts 385nm, 470nm and 590nm, consisting of: RTBS 405+493+610 EM TBP 425/30+524/50+688/145	Carl Zeiss	489092-9030-000	Each	$4,177.28	4.0%	$4,010.19
Science Laboratory and Teaching Supplies	489092-9110-000	Filter set 92 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like DAPI, GFP and mCherry with excitation wavelengths 385, 475 and 590 nm. Contains beam splitter TBS 405 + 493 + 610 and emission filter TBP 425/30 + 524/50 + 688/145.	Carl Zeiss	489092-9110-000	Each	$2,214.90	4.0%	$2,126.30

Science Laboratory and Teaching Supplies	489092-9110-400	Filter Set 92 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 92 HE LED shift free for use ZEISS LED fluorescence light sources with excitation wavelengths 385, 475 and 590 nm. Consisting of filters TFT 405 + 493 + 610 and TBP 425/30 + 524/50 + 688/145 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489092-9110-400	Each	$2,525.20	4.0%	$2,424.19
Science Laboratory and Teaching Supplies	489092-9120-000	Filter Set 92 LED SBP DAPI+GFP+AF594 for use withZEISS LED fluorescence light sources and emission filter wheel. Consisting of: BS 405 + 493 + 610 EM BP 425/30 EM BP 525/50 EM BP 649/65	Carl Zeiss	489092-9120-000	Each	$2,551.95	4.0%	$2,449.87
Science Laboratory and Teaching Supplies	489092-9130-000	Filter Set 92 MBP DAPI+GFP+AF594 for use with excitation filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 591/27 BS 405 + 493 + 610 EM MBP 425/30 + 524/50 + 688/145	Carl Zeiss	489092-9130-000	Each	$2,551.95	4.0%	$2,449.87
Science Laboratory and Teaching Supplies	489093-9030-000	Filter Set 93 HE for Celldiscoverer 7 (E) double filter set for the excitation wavelenghts 470nm and 555nm, consisting of: RDBS 493+575 EM TBP 514/32+605/50+730/60 Third emission range for simultaneous transmitted light.	Carl Zeiss	489093-9030-000	Each	$4,177.28	4.0%	$4,010.19
Science Laboratory and Teaching Supplies	489096-9100-000	Filter Set 96 HE BFP shift free (E) EX BP 390/40, BS FT 420, EM BP 450/40, recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489096-9100-000	Each	$1,804.02	4.0%	$1,731.86
Science Laboratory and Teaching Supplies	489096-9100-400	Filter Set 96 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 96 HE shift free consisting of filters EX BP 390/40, BS FT 420, EM BP 450/40 inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489096-9100-400	Each	$2,114.32	4.0%	$2,029.75
Science Laboratory and Teaching Supplies	489108-9110-000	Filter set 108 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like CFP and YFP with excitation wavelengths 425 and 508 nm. Contains beam splitter DBS 450 + 538 and emission filter DBP 467/24 + 598/110.	Carl Zeiss	489108-9110-000	Each	$1,926.00	4.0%	$1,848.96
Science Laboratory and Teaching Supplies	489108-9110-400	Filter Set 108 HE LED with Reflector Module FL EC P&C (E) Filter Set 108 HE LED shift free for use with Colibri 7 with excitation wavelengths 425 and 510 nm. Consisting of filters DFT 450 + 538 and DBP 467/24 + 598/110 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	489108-9110-400	Each	$2,236.30	4.0%	$2,146.85
Science Laboratory and Teaching Supplies	489109-9110-000	Filter set 109 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like DAPI, FITC and TRITC/Cy3 with excitation wavelengths 385, 475 and 555 nm. Contains beam splitter TBS 405 + 493 + 575 and emission filter TBP 425/29 + 514/31 + 632/100.	Carl Zeiss	489109-9110-000	Each	$2,214.90	4.0%	$2,126.30
Science Laboratory and Teaching Supplies	489109-9110-400	Filter Set 109 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 109 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 385, 475 and 555 nm. Consisting of filters TBS 405 + 493 + 575 and TBP 425/29 + 514/31 + 632/100 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489109-9110-400	Each	$2,525.20	4.0%	$2,424.19
Science Laboratory and Teaching Supplies	489110-9010-000	Filter Set 110 SBP DAPI+GFP+AF594+Cy7 for use with excitation and emission filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 591/27 EX BP 735/40 BS 405 + 493 + 611 + 762 EM BP 425/30 EM BP 525/50 EM BP 649/65 EM BP 788/38	Carl Zeiss	489110-9010-000	Each	$4,058.51	4.0%	$3,896.17
Science Laboratory and Teaching Supplies	489110-9030-000	Filter set 110 MBPr for Celldiscoverer 7 (E) quadruple filter set for the excitation wavelengths 385 nm, 469 nm, 591 nm und 735 nm, consisting of: RQFT 405+493+611+762 EM QBP 425/30+524/51+634/38+785/38	Carl Zeiss	489110-9030-000	Each	$3,860.56	4.0%	$3,706.14
Science Laboratory and Teaching Supplies	489110-9111-000	Filter Set 110 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like DAPI, FITC, mCherry and Cy7 with excitation wavelengths 385, 475, 590 and 735 nm. Contains beam splitter QBS 405 + 493 + 611 + 762 and emission filter QBP 425/30 + 524/51 + 634/38 + 785/38.	Carl Zeiss	489110-9111-000	Each	$2,436.39	4.0%	$2,338.93

Science Laboratory and Teaching Supplies	489110-9111-400	Filter Set 110 HE LED with Reflector Module FL EC P <(>&<)> C (E) Filter Set 110 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 385, 475, 590 and 735 nm. Consisting of filters QFT 405 + 493 + 611 + 762 and QBP 425/30 + 524/51 + 634/38 + 785/38 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489110-9111-400	Each	$2,746.69	4.0%	$2,636.82
Science Laboratory and Teaching Supplies	489110-9120-000	Filter Set 110 LED SBP DAPI+GFP+AF594+Cy7 for use with ZEISS LED fluorescence light sources and emission filter wheel. Consisting of: BS 405 + 493 + 611 + 762 EM BP 425/30 EM BP 525/50 EM BP 649/65 EM BP 788/38	Carl Zeiss	489110-9120-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489110-9130-000	Filter Set 110 MBP DAPI+GFP+AF594+Cy7 for use with excitation filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 591/27 EX BP 735/40 BS 405 + 493 + 611 + 762 EM MBP 425/30 + 524/51 + 634/38 + 785/38	Carl Zeiss	489110-9130-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489112-9010-000	Filter Set 112 SBP DAPI+GFP+DsRed+Cy5+Cy7 for use with excitation and emission filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 555/30 EX BP 631/33 EX BP 735/40 BS 405 + 493 + 575 + 654 + 761 EM BP 425/30 EM BP 514/30 EM BP 592/25 EM BP 681/45 EM BP 788/38	Carl Zeiss	489112-9010-000	Each	$5,109.25	4.0%	$4,904.88
Science Laboratory and Teaching Supplies	489112-9110-000	Filter Set 112 HE LED (E) for use with ZEISS LED fluorescence light sources. Suitable for fluorescent dyes like DAPI, FITC, DsRed, Cy5 and Cy7 with excitation wavelengths 385, 475, 555, 630 and 735 nm. Contains beam splitter PBS 405 + 493 + 575 + 654 + 761 and emission filter PBP 425/30 + 514/31 + 592/25 + 681/45 + 785/38.	Carl Zeiss	489112-9110-000	Each	$2,994.93	4.0%	$2,875.13
Science Laboratory and Teaching Supplies	489112-9110-400	Filter Set 112 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 112 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 385, 475, 555, 630 and 735 nm. Consisting of filters PFT 405 + 493 + 575 + 654 + 761 and PBP 425/30 + 514/31 + 592/25 + 681/45 + 785/38 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489112-9110-400	Each	$3,305.23	4.0%	$3,173.02
Science Laboratory and Teaching Supplies	489112-9120-000	Filter Set 112 LED SBP DAPI+GFP+DsRed+Cy5+Cy7 for use with ZEISS LED fluorescence light sources with excitation wavelengths 385, 475, 555, 630 and 735 nm and emission filter wheel. Consisting of: BS 405 + 493 + 575 + 654 + 761 EM BP 425/30 EM BP 514/30 EM BP 592/25 EM BP 681/45 EM BP 788/38	Carl Zeiss	489112-9120-000	Each	$3,536.35	4.0%	$3,394.90
Science Laboratory and Teaching Supplies	489112-9130-000	Filter Set 112 MBP DAPI+GFP+DsRed+Cy5+Cy7 for use with excitation filter wheel Consisting of: EX BP 385/30 EX BP 469/38 EX BP 555/30 EX BP 631/33 EX BP 735/40 BS 405 + 493 + 575 + 654 + 761 EM MBP 425/30 + 514/30 + 592/25 + 681/45 + 785/38	Carl Zeiss	489112-9130-000	Each	$3,667.96	4.0%	$3,521.24
Science Laboratory and Teaching Supplies	489114-9140-000	Filter Set 114 FRET CFP/YFP for filter wheels for use with excitation and emission filter wheel Consisting of: EX BP 423/44 (CFP/FRET) EX BP 508/20 (YFP) BS 463 (CFP/FRET) BS 525 (YFP) EM BP 485/35 (CFP) EM BP 555/46 (FRET)	Carl Zeiss	489114-9140-000	Each	$3,210.00	4.0%	$3,081.60
Science Laboratory and Teaching Supplies	489115-9100-000	Filter Set 115 Cy7 Consisting of: EX BP 710/87 BS 760 EM BP 814/91. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489115-9100-000	Each	$1,705.58	4.0%	$1,637.36
Science Laboratory and Teaching Supplies	489117-9140-000	Filter Set 117 FRET GFP/mCherry for filter wheels for use with excitation and emission filter wheel. Consisting of: EX BP 469/38 (GFP/FRET) EX BP 555/30 (mCherry) BS 495 (GFP) BS 583 (mCherry) EM BP 525/50 (GFP) EM BP 640/86 (mCherry/FRET). Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489117-9140-000	Each	$2,750.97	4.0%	$2,640.93
Science Laboratory and Teaching Supplies	489118-9100-000	Filter Set 118 YFP Consisting of: EX BP 508/20 BS 525 EM BP 555/46. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489118-9100-000	Each	$1,571.83	4.0%	$1,508.96
Science Laboratory and Teaching Supplies	489121-9100-000	Filter Set 121 mCherry Consisting of: EX BP 555/30 BS 583 EM BP 640/86. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489121-9100-000	Each	$1,571.83	4.0%	$1,508.96

Science Laboratory and Teaching Supplies	489122-9010-000	Filter set 122 SBP OPAL (D) For imaging fluorochromes of the Opal Polaris 7 color immuno- histochemistry kit. The filterset is designed to allow multiplex imaging with some or all of the following dyes: DAPI / OPAL 405, OPAL Polaris 480, OPAL 520, OPAL 570, OPAL 620, OPAL 690, Opal Polaris 780. Consisting of: EX BP 390/19 (DAPI / OPAL 405) EX BP 430/20 (OPAL Polaris 480) EX BP 499/17 (OPAL 520) EX DBP 533/19 (OPAL 570) + 746/24 (OPAL Polaris 780) EX BP 596/16 (OPAL 620) EX BP 666/18 (OPAL 690) BS405 + 515 + 615 BS 465 + 550 + 690 + 770 EM BP 426/28 (DAPI / OPAL 405) EM DBP 488/25 (OPAL Polaris 480) + 815/74 (OPAL Polaris 780) EM DBP 535/21 (OPAL 520) + 713/25 (OPAL 690) EM BP 571/20 (OPAL 570) EM BP 638/25 (OPAL 620)	Carl Zeiss	489122-9010-000	Each	$13,732.38	4.0%	$13,183.08
Science Laboratory and Teaching Supplies	423052-9112-000	Holder for Beam Combiner Colibri changeable by customer	Carl Zeiss	423052-9112-000	Each	$110.21	4.0%	$105.80
Science Laboratory and Teaching Supplies	451265-0000-000	Adapter V25 T2 2.5x for SLR	Carl Zeiss	451265-0000-000	Each	$577.80	4.0%	$554.69
Science Laboratory and Teaching Supplies	456006-0000-000	Adapter 60 for microscope camera, d=30mm	Carl Zeiss	456006-0000-000	Each	$165.85	4.0%	$159.22
Science Laboratory and Teaching Supplies	456140-0000-000	Adapter 60 - 44	Carl Zeiss	456140-0000-000	Each	$203.30	4.0%	$195.17
Science Laboratory and Teaching Supplies	000000-1279-493	Adapter V200 T2 2.5x for SLR at frontport	Carl Zeiss	000000-1279-493	Each	$1,309.68	4.0%	$1,257.29
Science Laboratory and Teaching Supplies	416009-0000-000	T2-adapter for Nikon F (F-Bayonet)	Carl Zeiss	416009-0000-000	Each	$65.27	4.0%	$62.66
Science Laboratory and Teaching Supplies	416010-0000-000	T2-adapter for Contax (Contax-Bayonet)	Carl Zeiss	416010-0000-000	Each	$63.13	4.0%	$60.60
Science Laboratory and Teaching Supplies	416012-0000-000	T2-adapter for Minolta (Autofocus)	Carl Zeiss	416012-0000-000	Each	$68.48	4.0%	$65.74
Science Laboratory and Teaching Supplies	416013-0000-000	T2-adapter for Canon EOS (EF Bayonet)	Carl Zeiss	416013-0000-000	Each	$103.79	4.0%	$99.64
Science Laboratory and Teaching Supplies	452995-0000-000	Adapter Video 44 C 2/3" 1.0x	Carl Zeiss	452995-0000-000	Each	$770.40	4.0%	$739.58
Science Laboratory and Teaching Supplies	452997-0000-000	Adapter Video 44 C 2/3" 0.63x	Carl Zeiss	452997-0000-000	Each	$959.79	4.0%	$921.40
Science Laboratory and Teaching Supplies	452998-0000-000	Adapter Video 44 C 1/2" 0.5x	Carl Zeiss	452998-0000-000	Each	$997.24	4.0%	$957.35
Science Laboratory and Teaching Supplies	000000-1069-414	Adapter Video 60 C 2/3" 0.63x	Carl Zeiss	000000-1069-414	Each	$908.43	4.0%	$872.09
Science Laboratory and Teaching Supplies	000000-1069-415	Adapter Video 60 C 1/2" 0.5x	Carl Zeiss	000000-1069-415	Each	$914.85	4.0%	$878.26
Science Laboratory and Teaching Supplies	000000-1071-171	Adapter Video V200 C 2/3" 0.63x at frontport	Carl Zeiss	000000-1071-171	Each	$976.91	4.0%	$937.83
Science Laboratory and Teaching Supplies	426107-0000-000	Adapter 60-T2 1.0x	Carl Zeiss	426107-0000-000	Each	$345.61	4.0%	$331.79
Science Laboratory and Teaching Supplies	456105-9901-000	Camera Adapter 60 C 1" 1.0x	Carl Zeiss	456105-9901-000	Each	$173.34	4.0%	$166.41
Science Laboratory and Teaching Supplies	456108-0000-000	Adapter Video 60 C 1/3" 0.4x	Carl Zeiss	456108-0000-000	Each	$811.06	4.0%	$778.62
Science Laboratory and Teaching Supplies	000000-1065-968	Video-eyepiece adapter C 0.8x	Carl Zeiss	000000-1065-968	Each	$717.97	4.0%	$689.25
Science Laboratory and Teaching Supplies	415500-1810-000	Camera Adapter P95-C 2/3" 0.65x for Primo	Carl Zeiss	415500-1810-000	Each	$424.79	4.0%	$407.80
Science Laboratory and Teaching Supplies	415500-1811-000	Camera Adapter P95-C 1/2" 0.5x for Primo Star and Primostar 1	Carl Zeiss	415500-1811-000	Each	$409.81	4.0%	$393.42
Science Laboratory and Teaching Supplies	415500-1812-000	Digital Camera Adapter P95 M37/52x0.75 for Primo	Carl Zeiss	415500-1812-000	Each	$418.37	4.0%	$401.64
Science Laboratory and Teaching Supplies	415500-1825-000	Adapter P95-T2 1.6x DSLR for Primo (D)	Carl Zeiss	415500-1825-000	Each	$787.52	4.0%	$756.02
Science Laboratory and Teaching Supplies	415501-1810-000	Camera Adapter P90-C 2/3" 0.65x for Primostar 3	Carl Zeiss	415501-1810-000	Each	$404.46	4.0%	$388.28
Science Laboratory and Teaching Supplies	415501-1811-000	Camera Adapter P90-C 1/2" 0.5x for Primostar 3	Carl Zeiss	415501-1811-000	Each	$404.46	4.0%	$388.28
Science Laboratory and Teaching Supplies	426101-0000-000	Adapter 60N for microscope camera, d=30mm	Carl Zeiss	426101-0000-000	Each	$146.59	4.0%	$140.73
Science Laboratory and Teaching Supplies	426102-0000-000	Adapter 60N - 44	Carl Zeiss	426102-0000-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	426103-0000-000	Adapter 60N - T2 1.0x	Carl Zeiss	426103-0000-000	Each	$96.30	4.0%	$92.45
Science Laboratory and Teaching Supplies	426104-0000-000	Camera Adapter T2-C 1" 1.0x	Carl Zeiss	426104-0000-000	Each	$189.39	4.0%	$181.81
Science Laboratory and Teaching Supplies	426105-0000-000	Camera Adapter T2-C 1" 1.0x; adjustable (x,y,z and rotation)	Carl Zeiss	426105-0000-000	Each	$1,243.34	4.0%	$1,193.61
Science Laboratory and Teaching Supplies	426112-0000-000	Camera Adapter 60N-C 2/3" 0.5x	Carl Zeiss	426112-0000-000	Each	$895.59	4.0%	$859.77
Science Laboratory and Teaching Supplies	426113-0000-000	Camera Adapter 60N-C 2/3" 0.63x	Carl Zeiss	426113-0000-000	Each	$971.56	4.0%	$932.70
Science Laboratory and Teaching Supplies	426113-9010-000	Camera Adapter 60N-C 2/3" 0.63x; rotating +/- 2° for fine adjustment of camera rotation. - adjustment range: +/- 2° - maximum weight load: 2 kg	Carl Zeiss	426113-9010-000	Each	$1,149.18	4.0%	$1,103.21
Science Laboratory and Teaching Supplies	426114-0000-000	Camera Adapter 60N-C 1" 1.0x	Carl Zeiss	426114-0000-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	426115-0000-000	Camera Adapter T2-T2 DSLR 1.6x	Carl Zeiss	426115-0000-000	Each	$807.85	4.0%	$775.54
Science Laboratory and Teaching Supplies	426116-0000-000	Camera Adapter T2-T2 SLR 2.5x	Carl Zeiss	426116-0000-000	Each	$883.82	4.0%	$848.47
Science Laboratory and Teaching Supplies	426118-9100-000	Camera Adapter 60N-C 1" 0,8x	Carl Zeiss	426118-9100-000	Each	$1,044.32	4.0%	$1,002.55
Science Laboratory and Teaching Supplies	426126-0000-000	Universal Digital Camera Adapter d30 M37/52x0.75	Carl Zeiss	426126-0000-000	Each	$556.40	4.0%	$534.14
Science Laboratory and Teaching Supplies	426141-9011-000	Slider with 100% mirror for double adapter - 2 clickstop positions for exit straight / lateral	Carl Zeiss	426141-9011-000	Each	$340.26	4.0%	$326.65
Science Laboratory and Teaching Supplies	426141-9021-000	Slider with beam splitter mount for double adapter - 2 clickstop positions for exit straight / lateral - mount for beam splitter 26x36 mm	Carl Zeiss	426141-9021-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	426141-9902-000	Double adapter 60N - 2x 60N with slider mount - slider mount for slider with 100% mirror or slider with beam splitter mount - 2 clickstop positions - mount for filters d=25 mm on both exits alternatively required: - slider with 100% mirror or - slider with beam splitter mount and 50:50 beam splitter or other beam splitters with dimensions 26x36 mm	Carl Zeiss	426141-9902-000	Each	$3,630.51	4.0%	$3,485.29

Science Laboratory and Teaching Supplies	426143-9000-000	Double Adapter Duolink 60N - 2x 60N man. for mounting two cameras and Dual Camera applications. - interface to microscope: 60N - interface to camera: 2x 60N, arranged in parallel - distance of optical axes: 194 mm - mounting orientation: horizontal, vertical - laser safety: via Laser Safety Kit (optional) - manual switching of light path via filter module (1 filter module with 100% mirror included) - slider with calibration sample - slider with bertrand optics for TIRF adjustment - incl. Calibration Slide Universal D=0 - camera exit 2 adjustable in x/y +/- 1.3 mm, z +2/-13 mm relative to image plane of camera exit 1, rotation +/- 3° - max. image field: 22 mm - max. weight load: 5 kg for each camera exit - height-adjustable supports - dimensions: (W x D x H) ca. 280 mm x 310 mm x 170 mm (with supports), 156 mm (without supports) - weight: ca. 6.2 kg	Carl Zeiss	426143-9000-000	Each	$20,415.60	4.0%	$19,598.98
Science Laboratory and Teaching Supplies	452980-0000-000	Video intermediate piece TV adapter	Carl Zeiss	452980-0000-000	Each	$265.36	4.0%	$254.75
Science Laboratory and Teaching Supplies	474026-0000-000	Stage micrometer for transmitted light 5 + 100/100y d=0.16mm - 5 lines with 1mm intervals in y-direction - 100 lines with 1/100mm intervals in y-direction	Carl Zeiss	474026-0000-000	Each	$492.20	4.0%	$472.51
Science Laboratory and Teaching Supplies	474026-9801-000	Stage micrometer 5mm/5 + 1mm/100 for transm. light, calibrated - with cover slip d=0.16 mm - 5 mm in 5 divisions, 1 interval = 1 mm - 1 mm in 100 divisions, 1 interval = 0.01 mm - all intervals calibrated - calibration certificate as proof of the traceability to national standards, issued by a DIN EN ISO/IEC 17025 accredited calibration laboratory	Carl Zeiss	474026-9801-000	Each	$1,186.63	4.0%	$1,139.16
Science Laboratory and Teaching Supplies	433400-0000-000	Test Standard for Particle Analysis - size categories according to VDA Vol. 19 and ISO 16232 - size categories: 10, 20, 35, 75, 125, 175, 300, 500, 800, 1200µm - total number of particles: 6960 - shapes: circles, rectangles, ellipses - diameter: 47 mm - diameter covered with particles: 44 mm - AR coating on both sides	Carl Zeiss	433400-0000-000	Each	$1,096.75	4.0%	$1,052.88
Science Laboratory and Teaching Supplies	474025-0000-000	Stage micrometer 25 + 50/10 mm Stemi - 25 lines with 1mm intervals in x-direction - 50 lines with 1/10mm intervals in y-direction	Carl Zeiss	474025-0000-000	Each	$527.51	4.0%	$506.41
Science Laboratory and Teaching Supplies	474027-0000-000	Stage micrometer for reflected light 5 + 100/100y d=0mm - 5 lines with 1mm intervals in y-direction - 100 lines with 1/100mm intervals in y-direction	Carl Zeiss	474027-0000-000	Each	$686.94	4.0%	$659.46
Science Laboratory and Teaching Supplies	433400-9010-000	Test Standard for Particle Analysis; calibrated - size categories according to VDA Vol. 19 and ISO 16232 - size categories: 10, 20, 35, 75, 125, 175, 300, 500, 800, 1200µm - total number of particles: 6960 - shapes: circles, rectangles, ellipses - diameter: 47 mm - diameter covered with particles: 44 mm - AR coating on both sides - calibration certificate	Carl Zeiss	433400-9010-000	Each	$3,717.18	4.0%	$3,568.49
Science Laboratory and Teaching Supplies	474025-9800-000	Stage micrometer 25mm/25 + 5mm/50 for stereo, calibrated - 25 mm in 25 divisions, 1 interval = 1 mm - 5 mm in 50 divisions, 1 interval = 0.1 mm - all intervals calibrated - calibration certificate as proof of the traceability to national standards, issued by a DIN EN ISO/IEC 17025 accredited calibration laboratory	Carl Zeiss	474025-9800-000	Each	$1,962.38	4.0%	$1,883.88
Science Laboratory and Teaching Supplies	474027-9801-000	Stage micrometer 5mm/5 + 1mm/100 for reflected light, calibrated - 5 mm in 5 divisions, 1 interval = 1 mm - 1 mm in 100 divisions, 1 interval = 0.01 mm - all intervals calibrated - calibration certificate as proof of the traceability to national standards, issued by a DIN EN ISO/IEC 17025 accredited calibration laboratory	Carl Zeiss	474027-9801-000	Each	$1,186.63	4.0%	$1,139.16
Science Laboratory and Teaching Supplies	474029-9011-000	Calibration Slide Universal CG=0 Calibration Slide Universal CG=0 without coverslip; positive version - high-precision object relocation - position of reference mark relative to left and upper slide border X=38mm/Y=13mm, +/- 5µm - line with 50mm length to control parallelism - Stage micrometer functionality Micro and Stemi: 5 lines with 1mm intervals in y-direction 100 lines with 1/100mm intervals in y-direction 25 lines with 1mm intervals in x-direction 50 lines with 1/10mm intervals in x-direction - circle areas with diameter 2.5/1.0/0.5/0.1/0.05/0.01mm - concentrical retangles 8x6/4x3/2x1.5/1x0.75mm	Carl Zeiss	474029-9011-000	Each	$807.85	4.0%	$775.54
Science Laboratory and Teaching Supplies	425300-9000-000	Focus Linear Sensor with tube adapter plate for Axio Imager.Z2 Vario Incremental measuring probe for use with Axio Imager.Z2 Vario. Measuring range = 12 mm, nominal measuring resolution = 5 nm - including 2m connecting cable to the control-box	Carl Zeiss	425300-9000-000	Each	$3,138.31	4.0%	$3,012.78

Science Laboratory and Teaching Supplies	430703-9901-000	Focus Linear Sensor for Axio Imager.Z2 Incremental measuring probe Measuring range = 25 mm, nominal measuring resolution = 5 nm, reproducibility < 25 nm	Carl Zeiss	430703-9901-000	Each	$2,784.14	4.0%	$2,672.77
Science Laboratory and Teaching Supplies	415500-1501-000	Eyepiece 10x/20 Br. foc. for Primo	Carl Zeiss	415500-1501-000	Each	$250.38	4.0%	$240.36
Science Laboratory and Teaching Supplies	455046-9901-000	Eyepiece W 25x/10 foc.	Carl Zeiss	455046-9901-000	Each	$616.32	4.0%	$591.67
Science Laboratory and Teaching Supplies	415501-1500-000	Eyepiece WF 10x/20 Br. foc. for Primostar 3	Carl Zeiss	415501-1500-000	Each	$160.50	4.0%	$154.08
Science Laboratory and Teaching Supplies	415501-1501-000	Eyepiece WF 10x/22 Br. foc. for Primostar 3	Carl Zeiss	415501-1501-000	Each	$192.60	4.0%	$184.90
Science Laboratory and Teaching Supplies	415501-1510-000	Eyepiece WF 10x/20 Br. foc. with pointer for Primostar 3	Carl Zeiss	415501-1510-000	Each	$234.33	4.0%	$224.96
Science Laboratory and Teaching Supplies	415501-1521-000	Eyepiece WF 10x/22 Br. foc. with micrometer 10:100 for Primostar 3	Carl Zeiss	415501-1521-000	Each	$269.64	4.0%	$258.85
Science Laboratory and Teaching Supplies	444034-9000-000	Eyepiece PL 10x/25 Br. foc.	Carl Zeiss	444034-9000-000	Each	$892.38	4.0%	$856.68
Science Laboratory and Teaching Supplies	444036-9000-000	Eyepiece PL 10x/23 Br. foc.	Carl Zeiss	444036-9000-000	Each	$518.95	4.0%	$498.19
Science Laboratory and Teaching Supplies	444036-9010-000	Eyepiece PL 10x/22 Br. foc.	Carl Zeiss	444036-9010-000	Each	$314.58	4.0%	$302.00
Science Laboratory and Teaching Supplies	444036-9040-000	Eyepiece PL 10x/23 Br. foc. with Crossline Micrometer 10:100	Carl Zeiss	444036-9040-000	Each	$681.59	4.0%	$654.33
Science Laboratory and Teaching Supplies	444036-9050-000	Eyepiece PL 10x/22 Br. foc. with Crossline Micrometer 10:100	Carl Zeiss	444036-9050-000	Each	$584.22	4.0%	$560.85
Science Laboratory and Teaching Supplies	444036-9060-000	Eyepiece PL 10x/23 Br. foc. with structure comparison disk	Carl Zeiss	444036-9060-000	Each	$1,160.95	4.0%	$1,114.51
Science Laboratory and Teaching Supplies	444036-9070-000	Eyepiece PL 10x/23 Br. foc. with net micrometer	Carl Zeiss	444036-9070-000	Each	$705.13	4.0%	$676.92
Science Laboratory and Teaching Supplies	444036-9080-000	Eyepiece Pl 10x/23 Br. foc. w/micrometer for Stemi 305/508 - with Crossline micrometer 10:100, d=26 mm for Stemi	Carl Zeiss	444036-9080-000	Each	$315.65	4.0%	$303.02
Science Laboratory and Teaching Supplies	444039-9000-000	Eyepiece PL 10x/21 Br. foc.	Carl Zeiss	444039-9000-000	Each	$227.91	4.0%	$218.79
Science Laboratory and Teaching Supplies	444232-9904-000	Eyepiece E-PL 10x/20 Br.foc.	Carl Zeiss	444232-9904-000	Each	$302.81	4.0%	$290.70
Science Laboratory and Teaching Supplies	444234-9902-000	Eyepiece E-PL 10x/25 Br. foc.	Carl Zeiss	444234-9902-000	Each	$905.22	4.0%	$869.01
Science Laboratory and Teaching Supplies	444235-9901-000	**Eyepiece E-PL 10x/23 Br. foc.**	Carl Zeiss	444235-9901-000	Each	$837.81	4.0%	$804.30
Science Laboratory and Teaching Supplies	435063-9160-000	Eyepiece 16x/14 Br. foc.	Carl Zeiss	435063-9160-000	Each	$218.28	4.0%	$209.55
Science Laboratory and Teaching Supplies	444054-9000-000	Eyepiece PL 16x/16 Br. foc.	Carl Zeiss	444054-9000-000	Each	$398.04	4.0%	$382.12
Science Laboratory and Teaching Supplies	444054-9010-000	Eyepiece PL 16x/16 Br. foc. with Crossline Micrometer 10:100	Carl Zeiss	444054-9010-000	Each	$666.61	4.0%	$639.95
Science Laboratory and Teaching Supplies	444036-9020-000	Eyepiece PL 10x/22 Br. foc. Pol with crossline graticule	Carl Zeiss	444036-9020-000	Each	$364.87	4.0%	$350.28
Science Laboratory and Teaching Supplies	444037-9903-000	Eyepiece E-PL 10x/20 Br. foc. Pol with crossline graticule	Carl Zeiss	444037-9903-000	Each	$630.23	4.0%	$605.02
Science Laboratory and Teaching Supplies	444038-9000-000	Eyepiece PL 10x/23 Br. foc. Pol with crossline graticule	Carl Zeiss	444038-9000-000	Each	$526.44	4.0%	$505.38
Science Laboratory and Teaching Supplies	444830-9902-000	Auxiliary microscope, d=30 to adjust the phase rings and darkfield stop in the condenser	Carl Zeiss	444830-9902-000	Each	$316.72	4.0%	$304.05
Science Laboratory and Teaching Supplies	434011-0000-000	Micrometer 10:100, d=21 mm	Carl Zeiss	434011-0000-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	434013-0000-000	Crossline micrometer 10:100, d=21 mm	Carl Zeiss	434013-0000-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	454020-0000-000	Net micrometer 10x10/5:10, d=21 mm	Carl Zeiss	454020-0000-000	Each	$214.00	4.0%	$205.44
Science Laboratory and Teaching Supplies	415500-1813-000	Crossline micrometer 10:100, d=23 mm, for Primo	Carl Zeiss	415500-1813-000	Each	$146.59	4.0%	$140.73
Science Laboratory and Teaching Supplies	454060-0000-000	Crossline micrometer 14:140, d=26 mm	Carl Zeiss	454060-0000-000	Each	$219.35	4.0%	$210.58
Science Laboratory and Teaching Supplies	454075-0000-000	Format reticle MC 2.5x/ d=26 mm	Carl Zeiss	454075-0000-000	Each	$371.29	4.0%	$356.44
Science Laboratory and Teaching Supplies	454089-0000-000	Measuring graticule 2x/20:200, d=26 mm	Carl Zeiss	454089-0000-000	Each	$326.35	4.0%	$313.30
Science Laboratory and Teaching Supplies	454090-0000-000	Structure comparison disk single grains (I), d=26 mm	Carl Zeiss	454090-0000-000	Each	$800.36	4.0%	$768.35
Science Laboratory and Teaching Supplies	474064-0000-000	Crossline graticule d=26 mm	Carl Zeiss	474064-0000-000	Each	$270.71	4.0%	$259.88
Science Laboratory and Teaching Supplies	474066-9901-000	Crossline micrometer 10:100, d=26 mm	Carl Zeiss	474066-9901-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	474068-0000-000	Net micrometer 12,5x12,5/5;10 d=26 mm	Carl Zeiss	474068-0000-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	444801-0000-000	Eyepiece eyecup	Carl Zeiss	444801-0000-000	Each	$25.68	4.0%	$24.65
Science Laboratory and Teaching Supplies	000000-1095-418	Fixed pointer, dia. 26mm for eyepieces foc, dia. 30mm	Carl Zeiss	000000-1095-418	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	415500-1806-000	Pointer for eyepieces foc. for Primo	Carl Zeiss	415500-1806-000	Each	$29.96	4.0%	$28.76
Science Laboratory and Teaching Supplies	415501-1906-000	Pointer for eyepieces foc. for Primostar 3	Carl Zeiss	415501-1906-000	Each	$46.01	4.0%	$44.17
Science Laboratory and Teaching Supplies	444020-0000-000	Pinhole diaphragm, d=30mm	Carl Zeiss	444020-0000-000	Each	$36.38	4.0%	$34.92
Science Laboratory and Teaching Supplies	415501-1520-000	Eyepiece WF 10x/22 Br. foc. with pointer for Primostar 3	Carl Zeiss	415501-1520-000	Each	$253.59	4.0%	$243.45
Science Laboratory and Teaching Supplies	415501-1815-000	Micrometer 10:100, d=25 mm, for Primostar 3	Carl Zeiss	415501-1815-000	Each	$57.78	4.0%	$55.47
Science Laboratory and Teaching Supplies	420920-9901-000	Objective N-Achroplan 2.5x/0.07 M27 (FWD=9.8mm)	Carl Zeiss	420920-9901-000	Each	$629.16	4.0%	$603.99
Science Laboratory and Teaching Supplies	420930-9901-000	Objective N-Achroplan 5x/0.15 M27 (FWD=12.0mm)	Carl Zeiss	420930-9901-000	Each	$469.73	4.0%	$450.94
Science Laboratory and Teaching Supplies	420940-9901-000	Objective N-Achroplan 10x/0.25 M27 (FWD=6.5mm)	Carl Zeiss	420940-9901-000	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	420947-9900-000	Objective W N-Achroplan 10x/0.3 M27 (FWD=2.6mm)	Carl Zeiss	420947-9900-000	Each	$1,380.30	4.0%	$1,325.09
Science Laboratory and Teaching Supplies	420950-9901-000	Objective N-Achroplan 20x/0.45 M27 (FWD=0.63mm)	Carl Zeiss	420950-9901-000	Each	$988.68	4.0%	$949.13
Science Laboratory and Teaching Supplies	420957-9900-000	Objective W N-Achroplan 20x/0.5 M27 (FWD=2.6mm)	Carl Zeiss	420957-9900-000	Each	$2,107.90	4.0%	$2,023.58
Science Laboratory and Teaching Supplies	420960-9800-000	Objective N-Achroplan 40x/0.8 Oil M27 (FWD=0.36mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420960-9800-000	Each	$1,607.14	4.0%	$1,542.85
Science Laboratory and Teaching Supplies	420960-9901-000	Objective N-Achroplan 40x/0.65 M27 (FWD=0.60mm)	Carl Zeiss	420960-9901-000	Each	$1,110.66	4.0%	$1,066.23
Science Laboratory and Teaching Supplies	420967-9900-000	Objective W N-Achroplan 40x/0.75 M27 (FWD=2.1mm)	Carl Zeiss	420967-9900-000	Each	$2,641.83	4.0%	$2,536.16
Science Laboratory and Teaching Supplies	420967-9970-000	Objective C-Achroplan 32x/0.85 W Corr M27 VIS-IR, (FWD=1.1mm at CG=0.17mm) (CG=0-0.17mm)	Carl Zeiss	420967-9970-000	Each	$11,000.67	4.0%	$10,560.64
Science Laboratory and Teaching Supplies	420970-9900-000	Objective N-Achroplan 50x/1.0 Oil M27 (FWD=0.22mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	420970-9900-000	Each	$2,030.86	4.0%	$1,949.63

Science Laboratory and Teaching Supplies	420980-9900-000	Objective N-Achroplan 63x/0.85 M27 (FWD=0.20mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420980-9900-000	Each	$2,055.47	4.0%	$1,973.25
Science Laboratory and Teaching Supplies	420984-9900-000	Objective N-Achroplan 63x/0.95 CG=0 M27 designed for samples without cover glass (FWD=0.17mm)	Carl Zeiss	420984-9900-000	Each	$2,234.16	4.0%	$2,144.79
Science Laboratory and Teaching Supplies	420987-9900-000	Objective W N-Achroplan 63x/0.9 M27 (FWD=2.4mm)	Carl Zeiss	420987-9900-000	Each	$3,077.32	4.0%	$2,954.23
Science Laboratory and Teaching Supplies	420990-9901-000	Objective N-Achroplan 100x/1.25 Oil M27 (FWD=0.29mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420990-9901-000	Each	$1,802.95	4.0%	$1,730.83
Science Laboratory and Teaching Supplies	420994-9901-000	Objective N-Achroplan 100x/1.25 Oil CG=0 M27 (FWD=0.45mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420994-9901-000	Each	$2,482.40	4.0%	$2,383.10
Science Laboratory and Teaching Supplies	420996-9900-000	Objective N-Achroplan 100x/1.25 Oil Iris M27 (FWD=0.29mm), Numerical Aperture adjustable from 0.7 to 1.25, incl. Immersol 518 N, oiler 20ml	Carl Zeiss	420996-9900-000	Each	$2,656.81	4.0%	$2,550.54
Science Laboratory and Teaching Supplies	420996-9901-000	Objective N-Achroplan 100x/1.25 Oil Iris M27 (FWD=0.29mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420996-9901-000	Each	$2,681.42	4.0%	$2,574.16
Science Laboratory and Teaching Supplies	420931-9910-000	Objective N-Achroplan 5x/0.13 Ph0 M27 (WD=5,5mm)	Carl Zeiss	420931-9910-000	Each	$751.14	4.0%	$721.09
Science Laboratory and Teaching Supplies	420931-9911-000	Objective N-Achroplan 5x/0.15 Ph1 M27 (FWD=12.0mm)	Carl Zeiss	420931-9911-000	Each	$726.53	4.0%	$697.47
Science Laboratory and Teaching Supplies	420941-9911-000	Objective N-Achroplan 10x/0.25 Ph1 M27 (FWD=6.5mm)	Carl Zeiss	420941-9911-000	Each	$958.72	4.0%	$920.37
Science Laboratory and Teaching Supplies	420951-9911-000	Objective N-Achroplan 20x/0.45 Ph2 M27 (FWD=0.65mm)	Carl Zeiss	420951-9911-000	Each	$1,255.11	4.0%	$1,204.91
Science Laboratory and Teaching Supplies	420961-9810-000	Objective N-Achroplan 40x/0.8 Oil Ph3 M27 (FWD=0.36mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420961-9810-000	Each	$1,867.15	4.0%	$1,792.46
Science Laboratory and Teaching Supplies	420961-9911-000	Objective N-Achroplan 40x/0.65 Ph2 M27 (FWD=0.60mm)	Carl Zeiss	420961-9911-000	Each	$1,301.12	4.0%	$1,249.08
Science Laboratory and Teaching Supplies	420971-9910-000	Objective N-Achroplan 50x/1.0 Oil Ph3 M27 (FWD=0.22mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	420971-9910-000	Each	$2,198.85	4.0%	$2,110.90
Science Laboratory and Teaching Supplies	420981-9910-000	Objective N-Achroplan 63x/0.85 Ph3 M27 (FWD=0.20mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420981-9910-000	Each	$2,196.71	4.0%	$2,108.84
Science Laboratory and Teaching Supplies	420991-9910-000	Objective N-Achroplan 100x/1.25 Oil Ph3 M27 (FWD=0.29mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	420991-9910-000	Each	$2,287.66	4.0%	$2,196.15
Science Laboratory and Teaching Supplies	420991-9911-000	Objective N-Achroplan 100x/1.25 Oil Ph3 M27 (FWD=0.29mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420991-9911-000	Each	$2,183.87	4.0%	$2,096.52
Science Laboratory and Teaching Supplies	420933-9901-000	Objective N-Achroplan 5x/0.15 Pol M27 (FWD=12.0mm)	Carl Zeiss	420933-9901-000	Each	$782.17	4.0%	$750.88
Science Laboratory and Teaching Supplies	420943-9901-000	Objective N-Achroplan 10x/0.25 Pol M27 (FWD=6.5mm)	Carl Zeiss	420943-9901-000	Each	$1,256.18	4.0%	$1,205.93
Science Laboratory and Teaching Supplies	420953-9901-000	Objective N-Achroplan 20x/0.45 Pol M27 (FWD=0.63mm)	Carl Zeiss	420953-9901-000	Each	$1,418.82	4.0%	$1,362.07
Science Laboratory and Teaching Supplies	420973-9900-000	Objective N-Achroplan 50x/0.8 Pol M27 (FWD=0.41mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420973-9900-000	Each	$2,536.97	4.0%	$2,435.49
Science Laboratory and Teaching Supplies	415101-3300-202	Objective EC Plan-Neofluar 63x/1.25 Oil MT/CS M27 (WD=0.10mm), incl. Immersol 518 F, oiler 20 ml for MicroTweezers and CombiSystem approved for cutting/catapulting and trapping including laser safety clamp	Carl Zeiss	415101-3300-202	Each	$5,372.47	4.0%	$5,157.57
Science Laboratory and Teaching Supplies	415101-3300-203	Objective EC Plan-Neofluar 100x/1.3 Oil MT/CS M27 (WD=0.20mm), incl. Immersol 518 F, oiler 20 ml for MicroTweezers and CombiSystem approved for cutting/catapulting and trapping including laser safety clamp	Carl Zeiss	415101-3300-203	Each	$3,959.00	4.0%	$3,800.64
Science Laboratory and Teaching Supplies	420300-9900-000	Objective EC Plan-Neofluar 1x/0.025 M27 (FWD=3.0mm)	Carl Zeiss	420300-9900-000	Each	$2,891.14	4.0%	$2,775.49
Science Laboratory and Teaching Supplies	420310-9901-000	Objective EC Plan-Neofluar 1.25x/0.03 M27 (FWD=4.0mm)	Carl Zeiss	420310-9901-000	Each	$3,019.54	4.0%	$2,898.76
Science Laboratory and Teaching Supplies	420320-9902-000	Objective EC Plan-Neofluar 2.5x/0.085 M27 (FWD=8.8mm)	Carl Zeiss	420320-9902-000	Each	$879.54	4.0%	$844.36
Science Laboratory and Teaching Supplies	420330-9901-000	Objective EC Plan-Neofluar 5x/0.16 M27 (FWD=18.5mm)	Carl Zeiss	420330-9901-000	Each	$1,286.14	4.0%	$1,234.69
Science Laboratory and Teaching Supplies	420340-9901-000	Objective EC Plan-Neofluar 10x/0.3 M27 (FWD=5.2mm)	Carl Zeiss	420340-9901-000	Each	$1,737.68	4.0%	$1,668.17
Science Laboratory and Teaching Supplies	420350-9900-000	Objective EC Plan-Neofluar 20x/0.50 M27 (FWD=2.0mm)	Carl Zeiss	420350-9900-000	Each	$2,443.88	4.0%	$2,346.12
Science Laboratory and Teaching Supplies	420360-9900-000	Objective EC Plan-Neofluar 40x/0.75 M27 (FWD=0.71mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420360-9900-000	Each	$2,892.21	4.0%	$2,776.52
Science Laboratory and Teaching Supplies	420380-9970-000	Objective EC Plan-Neofluar 63x/0.95 Corr M27 (FWD=0.12mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420380-9970-000	Each	$8,066.73	4.0%	$7,744.06
Science Laboratory and Teaching Supplies	420460-9900-000	Objective EC Plan-Neofluar 40x/1.30 Oil M27 (FWD=0.21mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420460-9900-000	Each	$7,320.94	4.0%	$7,028.10
Science Laboratory and Teaching Supplies	420480-9901-000	Objective EC Plan-Neofluar 63x/1.25 Oil M27 (FWD=0.10mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420480-9901-000	Each	$7,159.37	4.0%	$6,873.00
Science Laboratory and Teaching Supplies	420490-9900-000	Objective EC Plan-Neofluar 100x/1.30 Oil M27 (FWD=0.20mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420490-9900-000	Each	$5,108.18	4.0%	$4,903.85

Science Laboratory and Teaching Supplies	420496-9900-000	Objective EC Plan-Neofluar 100x/1.30 Oil Iris M27 (FWD=0.20mm), Numerical Aperture adjustable from 0.7 to 1.3, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420496-9900-000	Each	$6,318.35	4.0%	$6,065.62
Science Laboratory and Teaching Supplies	440340-9904-000	Objective EC Plan-Neofluar 20x/0.50 (WD=2.0mm)	Carl Zeiss	440340-9904-000	Each	$2,627.92	4.0%	$2,522.80
Science Laboratory and Teaching Supplies	440350-9903-000	Objective EC Plan-Neofluar 40x/0.75 (WD=0.71mm), incl. Cover glasses, high performance, D=0.17mm, box with 100 pc.	Carl Zeiss	440350-9903-000	Each	$3,017.40	4.0%	$2,896.70
Science Laboratory and Teaching Supplies	420331-9911-000	Objective EC Plan-Neofluar 5x/0.16 Ph1 M27 (FWD=18.5mm)	Carl Zeiss	420331-9911-000	Each	$2,016.95	4.0%	$1,936.27
Science Laboratory and Teaching Supplies	420341-9911-000	Objective EC Plan-Neofluar 10x/0.3 Ph1 M27 (FWD=5.2mm)	Carl Zeiss	420341-9911-000	Each	$2,195.64	4.0%	$2,107.81
Science Laboratory and Teaching Supplies	420351-9910-000	Objective EC Plan-Neofluar 20x/0.50 Ph2 M27 (FWD=2.0mm)	Carl Zeiss	420351-9910-000	Each	$2,898.63	4.0%	$2,782.68
Science Laboratory and Teaching Supplies	420361-9910-000	Objective EC Plan-Neofluar 40x/0.75 Ph2 M27 (FWD=0.71mm), incl. Cover glasses, high performance, CG=0.17 mm, box with 100 pc.	Carl Zeiss	420361-9910-000	Each	$3,228.19	4.0%	$3,099.06
Science Laboratory and Teaching Supplies	420461-9910-000	Objective EC Plan-Neofluar 40/1.30 Oil Ph3 M27 (FWD=0.21mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420461-9910-000	Each	$7,833.47	4.0%	$7,520.13
Science Laboratory and Teaching Supplies	420481-9911-000	Objective EC Plan-Neofluar 63x/1.25 Oil Ph3 M27 (FWD=0.10mm), incl. Immersol 518 F, oiler 20ml	Carl Zeiss	420481-9911-000	Each	$8,505.43	4.0%	$8,165.21
Science Laboratory and Teaching Supplies	420491-9910-000	Objective EC Plan-Neofluar 100x/1.30 Oil Ph3 M27 (FWD=0.20mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420491-9910-000	Each	$5,966.32	4.0%	$5,727.67
Science Laboratory and Teaching Supplies	420462-9900-000	Objective EC Plan-Neofluar 40x/1.30 Oil DIC M27 (FWD=0.21mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420462-9900-000	Each	$8,000.39	4.0%	$7,680.37
Science Laboratory and Teaching Supplies	420323-9902-000	Objective EC Plan-Neofluar 2.5x/0.085 Pol M27 (FWD=8.8mm)	Carl Zeiss	420323-9902-000	Each	$1,656.36	4.0%	$1,590.11
Science Laboratory and Teaching Supplies	420333-9901-000	Objective EC Plan-Neofluar 5x/0.16 Pol M27 (FWD=18.5mm)	Carl Zeiss	420333-9901-000	Each	$1,924.93	4.0%	$1,847.93
Science Laboratory and Teaching Supplies	420343-9901-000	Objective EC Plan-Neofluar 10x/0.3 Pol M27 (FWD=5.2mm)	Carl Zeiss	420343-9901-000	Each	$2,560.51	4.0%	$2,458.09
Science Laboratory and Teaching Supplies	420353-9900-000	Objective EC Plan-Neofluar 20x/0.50 Pol M27 (FWD=2.0mm)	Carl Zeiss	420353-9900-000	Each	$3,467.87	4.0%	$3,329.16
Science Laboratory and Teaching Supplies	420363-9901-000	Objective EC Plan-Neofluar 40x/0.9 Pol M27 (FWD=0.41mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420363-9901-000	Each	$4,467.25	4.0%	$4,288.56
Science Laboratory and Teaching Supplies	420493-9900-000	Objective EC Plan-Neofluar 100x/1.30 Oil Pol M27 (FWD=0.20mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420493-9900-000	Each	$6,891.87	4.0%	$6,616.20
Science Laboratory and Teaching Supplies	421350-9971-000	Objective LD Plan-Neofluar 20x/0.4 Corr M27 (CG=0-1.5mm) (FWD=8.4mm at CG=0mm and FWD=7.4mm at CG=1.5mm)	Carl Zeiss	421350-9971-000	Each	$3,453.96	4.0%	$3,315.80
Science Laboratory and Teaching Supplies	421360-9971-000	Objective LD Plan-Neofluar 40x/0.6 Corr M27 (CG=0-1.5mm) (FWD=3.3mm at CG=0mm and FWD=2.5mm at CG=1.5mm)	Carl Zeiss	421360-9971-000	Each	$5,077.15	4.0%	$4,874.06
Science Laboratory and Teaching Supplies	421369-9900-000	Objective LD Plan-Neofluar 40x/0.4 for Thermo Plate M27 (FWD=2.0mm)	Carl Zeiss	421369-9900-000	Each	$3,648.70	4.0%	$3,502.75
Science Laboratory and Teaching Supplies	421380-9971-000	Objective LD Plan-Neofluar 63x/0.75 Corr M27 (CG=0-1.5mm) (FWD=2.2mm at CG=0mm and FWD=1.2mm at CG=1.5mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421380-9971-000	Each	$6,422.14	4.0%	$6,165.25
Science Laboratory and Teaching Supplies	421351-9971-710	Objective LD Plan-Neofluar 20x/0.4 Corr Ph1 Ph2- M27 suitable for positive (Ph1) and negative phase contrast (Ph2-) (CG=0-1.5mm) (FWD=8.4mm at CG=0mm and FWD=7.4mm at CG=1.5mm)	Carl Zeiss	421351-9971-710	Each	$3,734.30	4.0%	$3,584.93
Science Laboratory and Teaching Supplies	421351-9972-000	Objective LD Plan-Neofluar 20x/0.4 Corr Ph2 M27 (CG=0-1.5mm) (FWD=8.4mm at CG=0mm and FWD=7.4mm at CG=1.5mm)	Carl Zeiss	421351-9972-000	Each	$4,419.10	4.0%	$4,242.34
Science Laboratory and Teaching Supplies	421361-9971-000	Objective LD Plan-Neofluar 40x/0.6 Corr Ph2 M27 (CG=0-1.5mm) (FWD=3.3mm at CG=0mm and FWD=2.5mm at CG=1.5mm)	Carl Zeiss	421361-9971-000	Each	$4,991.55	4.0%	$4,791.89
Science Laboratory and Teaching Supplies	421361-9971-710	Objective LD Plan-Neofluar 40x/0.6 Corr Ph1 Ph2- M27 suitable for positive (Ph1) and negative phase contrast (Ph2-) (CG=0-1.5mm) (FWD=3.3mm at CG=0mm and FWD=2.5mm at CG=1.5mm)	Carl Zeiss	421361-9971-710	Each	$5,827.22	4.0%	$5,594.13

Science Laboratory and Teaching Supplies	421381-9971-000	Objective LD Plan-Neofluar 63x/0.75 Corr Ph2 M27 (CG=0-1.5mm) (FWD=2.2mm at CG=0mm and FWD=1.2mm at CG=1.5mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421381-9971-000	Each	$6,831.95	4.0%	$6,558.67
Science Laboratory and Teaching Supplies	421459-9870-000	Objective Clr Plan-Neofluar 20x/1.0 Corr nd=1.53 M32 85mm Parfocal length 85mm, overall length 105mm. (FWD=6.4mm) VIS-NIR Correction collar for compensation of spherical aberrations. Suitable for clearing methods with nd=1.53 +/- 0.05, in particular U.Clear, Ce3D, Cubic Cancer	Carl Zeiss	421459-9870-000	Each	$27,317.10	4.0%	$26,224.42
Science Laboratory and Teaching Supplies	421459-9970-000	Objective Clr Plan-Neofluar 20x/1.0 Corr nd=1.45 M32 85mm Parfocal length 85mm, overall length 105mm. (FWD=5.6mm) VIS-NIR Correction collar for compensation of spherical aberrations. Suitable for clearing methods with nd=1.45, in particular FocusClearTM	Carl Zeiss	421459-9970-000	Each	$26,458.96	4.0%	$25,400.60
Science Laboratory and Teaching Supplies	420852-9870-790	Objective LD LCI Plan-Apochromat 25x/0.8 Imm autocorr DIC M27 for water, silicone oil, glycerine or oil immersion (UV) VIS-IR (CG=0-0.17mm) (FWD=0.57mm at CG=0.17mm) ACR functionality included. Incl. Immersol G, oiler 20 ml With serial number. Strehl ratio >90%.	Carl Zeiss	420852-9870-790	Each	$14,533.81	4.0%	$13,952.46
Science Laboratory and Teaching Supplies	420852-9871-790	Objective LD LCI Plan-Apochromat 25x/0.8 Imm autocorr DIC M27 for water, silicone oil, glycerine, or oil immersion (UV) VIS-IR (CG=0-0.17mm) (FWD=0.57mm at CG=0.17mm) ACR functionality included. Incl. Immersol 518 F for 37°C, oiler 20 ml With serial number. Strehl ratio >90%.	Carl Zeiss	420852-9871-790	Each	$15,602.74	4.0%	$14,978.63
Science Laboratory and Teaching Supplies	420852-9872-000	Objective LD LCI Plan-Apochromat 25x/0.8 Imm Corr DIC M27 for water, silicone oil, glycerine, or oil immersion (CG=0-0.17mm) (FWD=0.57mm at CG=0.17mm) incl. Immersol 518 F for 37°C, oiler 20 ml	Carl Zeiss	420852-9872-000	Each	$9,902.85	4.0%	$9,506.74
Science Laboratory and Teaching Supplies	420852-9872-799	Objective LD LCI Plan-Apochromat 25x/0.8 Imm Corr DIC M27 for water, silicone oil, glycerine, or oil immersion (CG=0-0.17mm) (FWD=0.57mm at CG=0.17mm) incl. Immersol 518 F for 37°C, oiler 20 ml With serial number. Strehl ratio >90%.	Carl Zeiss	420852-9872-799	Each	$11,967.95	4.0%	$11,489.23
Science Laboratory and Teaching Supplies	420852-9973-000	Objective LCI Plan-Neofluar 25x/0.8 Imm Corr DIC M27 for water, silicone oil, glycerine or oil immersion (CG=0-0.17mm) (FWD=0.21mm at CG=0.17mm) incl. Immersol G, bottle 20 ml	Carl Zeiss	420852-9973-000	Each	$6,690.71	4.0%	$6,423.08
Science Laboratory and Teaching Supplies	420852-9973-720	Objective i LCI Plan-Neofluar 25x/0.8 Imm Corr DIC M27 with insulation ring for optimized temperature at the specimen, for water, silicone oil, glycerine or oil immersion (CG=0-0.17mm) (FWD=0.21mm at CG=0.17mm) incl. Immersol G, bottle 20 ml	Carl Zeiss	420852-9973-720	Each	$9,407.44	4.0%	$9,031.14
Science Laboratory and Teaching Supplies	420862-9970-000	Objective LD LCI Plan-Apochromat 40x/1.2 Imm Corr DIC M27 for water, silicon oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.41mm at CG=0.17mm) incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc	Carl Zeiss	420862-9970-000	Each	$13,328.99	4.0%	$12,795.83
Science Laboratory and Teaching Supplies	420862-9970-713	Objective LD LCI Plan-Apochromat 40x/1.2 Imm Corr DIC FCS M27 for water, silicone oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.41mm at CG=0.17mm) Selected for FCS and Dynamics Profiler. Incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc With serial number. Strehl ratio >90%.	Carl Zeiss	420862-9970-713	Each	$16,789.37	4.0%	$16,117.80
Science Laboratory and Teaching Supplies	420862-9970-714	Objective LD LCI Plan-Apochromat 40x/1.2 Imm autocorr DIC FC Objective LD LCI Plan-Apochromat 40x/1.2 Imm autocorr DIC FCS M27 for water, silicone oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.41mm at CG=0.17mm) Selected for FCS and Dynamics Profiler. ACR functionality included. Incl. Immersol G, bottle 20 ml and cover glasses, high performance, CG=0.17mm, box with 100 pc With serial number. Strehl ratio >90%.	Carl Zeiss	420862-9970-714	Each	$25,484.19	4.0%	$24,464.82
Science Laboratory and Teaching Supplies	420862-9970-790	Objective LD LCI Plan-Apochromat 40x/1.2 Imm autocorr DIC M27 for water, silicon oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.40mm at CG=0.17mm) ACR functionality included. Incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc With serial number. Strehl ratio >90%.	Carl Zeiss	420862-9970-790	Each	$18,352.64	4.0%	$17,618.53

Science Laboratory and Teaching Supplies	420862-9970-799	Objective LD LCI Plan-Apochromat 40x/1.2 Imm Corr DIC M27 for water, silicon oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.41mm at CG=0.17mm) incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc With serial number. Strehl ratio >90%.	Carl Zeiss	420862-9970-799	Each	$12,714.81	4.0%	$12,206.22
Science Laboratory and Teaching Supplies	420882-9870-000	Objective LD LCI Plan-Apochromat 63x/1.2 Imm Corr DIC M27 for immersion media with refractive index 1.43 or higher to glycerine or oil immersion. (UV) VIS-IR (CG=0.15-0.19mm) (FWD=0.49mm at CG=0.17mm) incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420882-9870-000	Each	$14,150.75	4.0%	$13,584.72
Science Laboratory and Teaching Supplies	420882-9870-790	Objective LD LCI Plan-Apochromat 63x/1.2 Imm autocorr DIC M27 for immersion media with refractive index 1.43 or higher to glycerine or oil immersion. (UV) VIS-IR (D=0.15-0.19mm) (WD=0.49mm at D=0.17mm) ACR functionality included. Incl. Immersol 518 F for 30 °C, oiler 20ml and Cover glasses, high performance, D=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	420882-9870-790	Each	$18,661.87	4.0%	$17,915.40
Science Laboratory and Teaching Supplies	420882-9870-799	Objective LD LCI Plan-Apochromat 63x/1.2 Imm Corr DIC M27 for immersion media with refractive index 1.43 or higher to glycerine or oil immersion. (UV) VIS-IR (CG=0.15-0.19mm) (FWD=0.49mm at CG=0.17mm) incl. Immersol 518 F for 30 °C, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	420882-9870-799	Each	$14,664.35	4.0%	$14,077.78
Science Laboratory and Teaching Supplies	420882-9971-000	Objective LCI Plan-Neofluar 63x/1.3 Imm Corr DIC M27 for water, silicone oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.17mm at CG=0.17mm) incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420882-9971-000	Each	$12,318.91	4.0%	$11,826.15
Science Laboratory and Teaching Supplies	420882-9971-720	Objective i LCI Plan-Neofluar 63x/1.3 Imm Corr DIC M27 with insulation ring for optimized temperature at the specimen, for water, silicone oil or glycerine immersion (CG=0.15-0.19mm) (FWD=0.17mm at CG=0.17mm) incl. Immersol G, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420882-9971-720	Each	$15,601.67	4.0%	$14,977.60
Science Laboratory and Teaching Supplies	420630-9900-000	Objective Plan-Apochromat 5x/0.16 M27 (FWD=12.1mm)	Carl Zeiss	420630-9900-000	Each	$2,726.36	4.0%	$2,617.31
Science Laboratory and Teaching Supplies	420640-9800-000	Objective Plan-Apochromat 10x/0.3 M27 (FWD=2.0mm)	Carl Zeiss	420640-9800-000	Each	$2,931.80	4.0%	$2,814.53
Science Laboratory and Teaching Supplies	420640-9900-000	Objective Plan-Apochromat 10x/0.45 M27 (FWD=2.1mm)	Carl Zeiss	420640-9900-000	Each	$3,507.46	4.0%	$3,367.16
Science Laboratory and Teaching Supplies	420650-9903-000	Objective Plan-Apochromat 20x/0.8 M27 (FWD=0.55mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc Lead-free	Carl Zeiss	420650-9903-000	Each	$4,225.43	4.0%	$4,056.41
Science Laboratory and Teaching Supplies	420660-9970-000	Objective Plan-Apochromat 40x/0.95 Corr M27 (FWD=0.25mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420660-9970-000	Each	$9,809.76	4.0%	$9,417.37
Science Laboratory and Teaching Supplies	420780-9900-000	Objective Plan-Apochromat 63x/1.4 Oil M27 (FWD=0.19mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420780-9900-000	Each	$8,503.29	4.0%	$8,163.16
Science Laboratory and Teaching Supplies	420780-9971-000	Objective alpha Plan-Apochromat 63x/1.46 Oil Corr M27 TIRF (CG=0.14-0.19mm at 23°C or CG=0.15-0.19mm at 37°C) (FWD=0.10mm at CG=0.17mm), incl. Immersol 518 F, oiler 20 ml and Cover glasses, high performance, CG=0.17 mm, box with 100 pc.	Carl Zeiss	420780-9971-000	Each	$13,373.93	4.0%	$12,838.97
Science Laboratory and Teaching Supplies	420786-9900-000	Objective Plan-Apochromat 63x/1.4 Oil Iris M27 (FWD=0.19mm), Numerical Aperture adjustable from 0.7 to 1.4, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420786-9900-000	Each	$9,713.46	4.0%	$9,324.92
Science Laboratory and Teaching Supplies	420790-9901-000	Objective Plan-Apochromat 100x/1.4 Oil M27 (FWD=0.17mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420790-9901-000	Each	$8,018.58	4.0%	$7,697.84
Science Laboratory and Teaching Supplies	421440-9800-000	Objective Clr Plan-Apochromat 10x/0.5 nd=1.38 M27 75mm Parfocal length 75 mm (WD=3.7mm); (UV) VIS-NIR Suitable for clearing methods with nd=1.38, for example Sca/e.	Carl Zeiss	421440-9800-000	Each	$10,908.65	4.0%	$10,472.30
Science Laboratory and Teaching Supplies	421440-9900-000	Objective W Plan-Apochromat 10x/0.5 M27 75mm parfocal length 75mm, (FWD=3.7mm), (UV) VIS-IR	Carl Zeiss	421440-9900-000	Each	$10,909.72	4.0%	$10,473.33
Science Laboratory and Teaching Supplies	421480-9900-000	Objective W Plan-Apochromat 63x/1.0 M27 (FWD=2.1mm), VIS-IR	Carl Zeiss	421480-9900-000	Each	$6,348.31	4.0%	$6,094.38

Science Laboratory and Teaching Supplies	430039-9020-000	Objective Plan-Apochromat 20x/0.7 autocorr for Celldiscoverer 7 Automated correction mechanism for cover glass/cycloolefin bottom thickness 0.13 - 0.21 mm and polystyrol bottom thickness 0.15 - 1.2 mm. Automated objective heating. The objective contains an ACR chip and temperature sensors. FWD=2.2mm, independent of magnification Offers in combination with afocal magnification changer the following specifications: - 10x / 0.35 - 20x / 0.7 - 40x / 0.7 Parfocal length 75 mm. Flange connection for fixed objective orientation. Effective penetration depth (in water): - 1.33 mm @ 0.17 mm thickness - 0.4 mm @ 1 mm thickness	Carl Zeiss	430039-9020-000	Each	$17,875.42	4.0%	$17,160.40
Science Laboratory and Teaching Supplies	430039-9030-000	Objective Plan-Apochromat 20x/0.95 autocorr for Celldiscoverer 7 Automated correction mechanism for cover glass/cycloolefin bottom thickness 0.13 - 0.21 mm and polystyrol bottom thickness 0.15 - 0,21 mm. Automated objective heating. The objective contains an ACR chip and a temperature sensor. FWD=0.76mm, independent of magnification Offers in combination with afocal magnification changer the following specifications: - 10x / 0.5 - 20x / 0.8 - 40x / 0.95 Parfocal length 75 mm. Flange connection for fixed objective orientation. Effective penetration depth (in water): - 0.4 mm @ 0.17 mm thickness	Carl Zeiss	430039-9030-000	Each	$18,537.75	4.0%	$17,796.24
Science Laboratory and Teaching Supplies	430039-9050-000	Objective Plan-Apochromat 50x/1.2 W autocorr with autoimmersion for Celldiscoverer 7 Automated correction mechanism for cover glass/cycloolefin bottom thickness 0.13 - 0.21 mm and polystyrol bottom thickness 0.15 - 0,21 mm. Automated water immersion and automated objective heating. The objective contains an ACR chip and temperature sensors. FWD=0.84mm, independent of magnification Offers in combination with afocal magnification changer the following specifications: - 25x / 1.2 W - 50x / 1.2 W - 100x / 1.2 W Parfocal length 75 mm. Flange connection for fixed objective orientation. Effective penetration depth (in water): - 0.4 mm @ 0.17 mm thickness	Carl Zeiss	430039-9050-000	Each	$24,557.57	4.0%	$23,575.27
Science Laboratory and Teaching Supplies	440640-9903-000	Objective Plan-Apochromat 20x/0.8 (WD=0.55mm), incl. Cover glasses, high performance, D=0.17mm, box with 100 pc.	Carl Zeiss	440640-9903-000	Each	$4,919.86	4.0%	$4,723.07
Science Laboratory and Teaching Supplies	420641-9910-000	Objective Plan-Apochromat 10x/0.45 Ph1 M27 (FWD=2.1mm)	Carl Zeiss	420641-9910-000	Each	$4,331.36	4.0%	$4,158.11
Science Laboratory and Teaching Supplies	420651-9912-000	Objective Plan-Apochromat 20x/0.8 Ph2 M27 (FWD=0.55mm), incl. cover glasses, high performance, CG=0.17mm, box with 100 pc. Lead-free	Carl Zeiss	420651-9912-000	Each	$4,622.40	4.0%	$4,437.50
Science Laboratory and Teaching Supplies	420661-9970-000	Objective Plan-Apochromat 40x/0.95 Corr Ph3 M27 (FWD=0.25mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420661-9970-000	Each	$9,855.77	4.0%	$9,461.54
Science Laboratory and Teaching Supplies	420761-9810-000	Objective Plan-Apochomat 40x/1.3 Oil Ph3 M27 (FWD=0.2mm), (UV)VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420761-9810-000	Each	$10,398.26	4.0%	$9,982.33
Science Laboratory and Teaching Supplies	420781-9910-000	Objective Plan-Apochromat 63/1.4 Oil Ph3 M27 (FWD=0.19mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420781-9910-000	Each	$9,358.22	4.0%	$8,983.89
Science Laboratory and Teaching Supplies	420791-9911-000	Objective Plan-Apochromat 100x/1.4 Oil Ph3 M27 (FWD=0.17mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420791-9911-000	Each	$9,048.99	4.0%	$8,687.03
Science Laboratory and Teaching Supplies	420762-9700-000	Objective Plan-Apochromat 40x/1.4 Oil DIC M27 (FWD=0.13mm), (UV)VIS-IR, incl. Immersol 518 F, oiler 20 ml and cover glasses, high performance, CG=0.17 mm, box with 100 pc.	Carl Zeiss	420762-9700-000	Each	$10,245.25	4.0%	$9,835.44
Science Laboratory and Teaching Supplies	420762-9800-000	Objective Plan-Apochromat 40x/1.3 Oil DIC M27 (FWD=0.21mm), (UV)VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420762-9800-000	Each	$10,653.99	4.0%	$10,227.83
Science Laboratory and Teaching Supplies	420762-9800-799	Objective Plan-Apochromat 40x/1.3 Oil DIC M27 (FWD=0.20mm), UV-IR incl. Immersol 518 F for 30°, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	420762-9800-799	Each	$16,614.96	4.0%	$15,950.36
Science Laboratory and Teaching Supplies	420782-9900-000	Objective Plan-Apochromat 63x/1.4 Oil DIC M27 (FWD=0.19mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420782-9900-000	Each	$8,780.42	4.0%	$8,429.20

Science Laboratory and Teaching Supplies	420782-9900-720	Objective i Plan-Apochromat 63x/1.4 Oil DIC M27 with insulation ring for optimum temperature stability at the specimen, (FWD=0.18mm) incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420782-9900-720	Each	$10,794.16	4.0%	$10,362.39
Science Laboratory and Teaching Supplies	420782-9900-799	Objective Plan-Apochromat 63x/1.4 Oil DIC M27 (FWD=0.19mm), incl. Immersol 518 F for 30 °C, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	420782-9900-799	Each	$14,089.76	4.0%	$13,526.17
Science Laboratory and Teaching Supplies	420792-9771-000	Objective alpha Plan-Apochromat 100x/1.57 Oil-HI DIC Corr M27 (CG=0.165-0.175mm) (FWD=0.12mm at CG=0.170mm) displaceable segment diaphragm included, incl. Immersol HI ne=1.66 (23°C), oiler 20 ml and 15 pc. HI cover glasses 0.17 mm +/-0.003 With serial number. Strehl ratio >90%.	Carl Zeiss	420792-9771-000	Each	$20,420.95	4.0%	$19,604.11
Science Laboratory and Teaching Supplies	420792-9800-000	Objective alpha Plan-Apochromat 100x/1.46 Oil DIC M27 (FWD=0.10mm), (UV)VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420792-9800-000	Each	$16,700.56	4.0%	$16,032.54
Science Laboratory and Teaching Supplies	420792-9901-000	Objective Plan-Apochromat 100x/1.4 Oil DIC M27 (FWD=0.17mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420792-9901-000	Each	$8,075.29	4.0%	$7,752.28
Science Laboratory and Teaching Supplies	420792-9970-000	Objective Plan-Apochromat 150x/1.35 Glyc DIC Corr M27 (CG=0.14-0.18mm at 23 °C and CG=0.15-0.19 at 37 °C) (FWD=0.17mm at CG=0.16mm), VIS-IR incl. Immersol G, bottle 10 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420792-9970-000	Each	$10,809.14	4.0%	$10,376.77
Science Laboratory and Teaching Supplies	421452-9601-000	Objective W Plan-Apochromat 20x/1.0 DIC M27 75mm Parfocal length 75mm (WD=2.3mm), VIS-IR Apochromatically corrected for 480-1300 nm.	Carl Zeiss	421452-9601-000	Each	$16,321.78	4.0%	$15,668.91
Science Laboratory and Teaching Supplies	421452-9681-000	Objective W Plan-Apochromat 20x/1.0 DIC D=0.17 M27 75mm Parfocal length 75 mm (FWD=2.1mm), VIS-IR Apochromatically corrected for 480-1300 nm, incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421452-9681-000	Each	$16,099.22	4.0%	$15,455.25
Science Laboratory and Teaching Supplies	421452-9700-000	Objective W Plan-Apochromat 20x/1.0 Corr DIC M27 75mm Parfocal length 75mm (FWD=2.4mm), UV-VIS-IR Correction collar for differences in refractive index nD from -0.002 to 0.025. Apochromatical correction of longitudinal colour aberration includes the wavelength 405 nm.	Carl Zeiss	421452-9700-000	Each	$18,421.12	4.0%	$17,684.28
Science Laboratory and Teaching Supplies	421452-9800-000	Objective W Plan-Apochromat 20x/1.0 DIC M27 75mm parfocal length 75mm (FWD=1.8mm), (UV) VIS-IR	Carl Zeiss	421452-9800-000	Each	$9,768.03	4.0%	$9,377.31
Science Laboratory and Teaching Supplies	421452-9880-000	Objective W Plan-Apochromat 20x/1.0 DIC CG=0.17 M27 75mm parfocal length 75mm, (FWD=1.7mm), (UV) VIS-IR, incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421452-9880-000	Each	$9,766.96	4.0%	$9,376.28
Science Laboratory and Teaching Supplies	421452-9900-000	Objective W Plan-Apochromat 20x/1.0 DIC M27 70mm parfocal length 70mm (FWD=1.8mm), (UV) VIS-IR	Carl Zeiss	421452-9900-000	Each	$9,766.96	4.0%	$9,376.28
Science Laboratory and Teaching Supplies	421462-9900-000	Objective W Plan-Apochromat 40x/1.0 DIC M27 (FWD=2.5mm), VIS-IR	Carl Zeiss	421462-9900-000	Each	$5,845.41	4.0%	$5,611.59
Science Laboratory and Teaching Supplies	421462-9900-799	Objective W Plan-Apochromat 40x/1.0 DIC M27 (FWD=2.5mm), VIS-IR With serial number. Strehl ratio >90%.	Carl Zeiss	421462-9900-799	Each	$6,418.93	4.0%	$6,162.17
Science Laboratory and Teaching Supplies	420792-9800-720	**Objective alpha Plan-Apochromat 100x/1.46 Oil DIC M27 (FWD=0.11mm), VIS, displaceable segment diaphragm included, incl. Immersol 518 F for 30° C, oiler 20 ml and cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.**	Carl Zeiss	420792-9800-720	Each	$16,450.18	4.0%	$15,792.17
Science Laboratory and Teaching Supplies	421459-9772-000	Objective LD SC Plan-Apochromat 20x/1.0 Corr M32 85mm Parfocal length 85mm, overall length 105mm. (WD=5.6mm) VIS-IR Correction collar for compensation of spherical aberrations. Suitable for Sca/e method with nD=1.38.	Carl Zeiss	421459-9772-000	Each	$26,457.89	4.0%	$25,399.57
Science Laboratory and Teaching Supplies	421459-9773-000	Objective Clr Plan-Apochromat 20x/1.0 Corr nd=1,38 M32 85mm Parfocal length 85mm, overall length 105mm. (FWD=5.6mm) VIS-IR Correction collar for compensation of spherical aberrations. Suitable for clearing methods with nd=1.38, for example Sca/e.	Carl Zeiss	421459-9773-000	Each	$26,456.82	4.0%	$25,398.55
Science Laboratory and Teaching Supplies	415101-3300-206	Objective C-Apochromat 63x/1.20 W Corr MT/CS M27 (WD=0.28mm), incl. Immersol W, bottle 20 ml for MicroTweezers and CombiSystem approved for cutting/catapulting and trapping including laser safety clamp	Carl Zeiss	415101-3300-206	Each	$12,373.48	4.0%	$11,878.54

Science Laboratory and Teaching Supplies	421747-9900-000	Objective C-Apochromat 10x/0.45 W M27 (FWD=1.8mm), incl. Immersol W, bottle 20 ml	Carl Zeiss	421747-9900-000	Each	$7,799.23	4.0%	$7,487.26
Science Laboratory and Teaching Supplies	421762-9900-000	Objective C Plan-Apochromat 40x/1.3 Oil DIC M27 (FWD=0.22mm), UV-VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421762-9900-000	Each	$12,208.70	4.0%	$11,720.35
Science Laboratory and Teaching Supplies	421767-9971-790	Objective C-Apochromat 40x/1.2 W autocorr M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR ACR functionality included. Incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421767-9971-790	Each	$18,968.96	4.0%	$18,210.20
Science Laboratory and Teaching Supplies	421767-9973-000	Objective C-Apochromat 40x/1.2 W Corr M27 (CG=0.13-0.20mm) (FWD=0.28 at CG=0.17mm), UV-VIS-IR incl. cover glasses high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421767-9973-000	Each	$14,397.92	4.0%	$13,822.00
Science Laboratory and Teaching Supplies	421767-9973-713	Objective C-Apochromat 40x/1.2 W Corr FCS M27 (CG=0.13-0.20mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR Selected for FCS, Spectral RICS, Airyscan and Dynamics Profiler. Incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421767-9973-713	Each	$19,380.91	4.0%	$18,605.67
Science Laboratory and Teaching Supplies	421767-9973-714	Objective C-Apochromat 40x/1.2 W autocorr FCS M27 (CG=0.13-0.20mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR Selected for FCS, Spectral RICS, Airyscan and Dynamics Profiler. ACR functionality included. Incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421767-9973-714	Each	$25,838.36	4.0%	$24,804.83
Science Laboratory and Teaching Supplies	421767-9973-790	Objective C-Apochromat 40x/1.2 W autocorr M27 (CG=0.13-0.20mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR ACR functionality included. Incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421767-9973-790	Each	$18,438.24	4.0%	$17,700.71
Science Laboratory and Teaching Supplies	421767-9973-799	Objective C-Apochromat 40x/1.2 W Corr M27 (CG=0.13-0.20mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR Selected for Airyscan. Incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421767-9973-799	Each	$15,872.38	4.0%	$15,237.48
Science Laboratory and Teaching Supplies	421782-9900-000	Objective C Plan-Apochromat 63x/1.4 Oil DIC M27 (FWD=0.14mm), UV-VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421782-9900-000	Each	$12,353.15	4.0%	$11,859.02
Science Laboratory and Teaching Supplies	421782-9900-799	Objective C Plan-Apochromat 63x/1.4 Oil DIC M27 (FWD=0.14mm), UV-VIS-IR, incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421782-9900-799	Each	$13,433.85	4.0%	$12,896.50
Science Laboratory and Teaching Supplies	421787-9970-000	Objective C-Apochromat 63x/1.20 W Corr M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421787-9970-000	Each	$17,981.35	4.0%	$17,262.10
Science Laboratory and Teaching Supplies	421787-9970-713	Objective C-Apochromat 63x/1.2 W Corr FCS M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR Selected for FCS, Spectral RICS, Airyscan and Dynamics Profiler. Incl. cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421787-9970-713	Each	$18,941.14	4.0%	$18,183.49
Science Laboratory and Teaching Supplies	421787-9970-799	Objective C-Apochromat 63x/1.2 W Corr M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421787-9970-799	Each	$17,983.49	4.0%	$17,264.15
Science Laboratory and Teaching Supplies	421787-9971-714	Objective C-Apochromat 63x/1.2 W autocorr FCS M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR, Selected for FCS, Spectral RICS, Airyscan and Dynamics Profiler. ACR functionality included. Incl. cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421787-9971-714	Each	$26,516.74	4.0%	$25,456.07
Science Laboratory and Teaching Supplies	421787-9971-790	Objective C-Apochromat 63x/1.2 W autocorr M27 (CG=0.14-0.19mm) (FWD=0.28mm at CG=0.17mm), UV-VIS-IR ACR functionality included. Incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc. With serial number. Strehl ratio >90%.	Carl Zeiss	421787-9971-790	Each	$19,174.40	4.0%	$18,407.42

Science Laboratory and Teaching Supplies	421797-9970-000	Objective C-Apochromat 100x/1.25 W Corr M27 (CG=0.14-0.19mm) (FWD=0.25mm at CG=0.17mm), UV-VIS-IR incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421797-9970-000	Each	$14,059.80	4.0%	$13,497.41
Science Laboratory and Teaching Supplies	421867-9970-000	Objective LD C-Apochromat 40x/1.1 W Corr M27 (CG=0.14-0.19mm) (FWD=0.62mm at CG=0.17mm), UV-VIS-IR incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421867-9970-000	Each	$18,678.99	4.0%	$17,931.83
Science Laboratory and Teaching Supplies	421887-9970-000	Objective LD C-Apochromat 63x/1.15 W Corr M27 (CG=0.14-0.19mm) (FWD=0.60mm at CG=0.17mm), UV-VIS-IR incl. Immersol W, bottle 20 ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421887-9970-000	Each	$14,953.25	4.0%	$14,355.12
Science Laboratory and Teaching Supplies	415500-1600-001	Objective Plan-Achromat 4x/0.10 for Primo (WD=12.0mm)	Carl Zeiss	415500-1600-001	Each	$289.97	4.0%	$278.37
Science Laboratory and Teaching Supplies	415500-1601-002	Objective Plan-Achromat 10x/0.25 for Primo D= - (WD=4.6mm)	Carl Zeiss	415500-1601-002	Each	$130.54	4.0%	$125.32
Science Laboratory and Teaching Supplies	415500-1602-001	Objective Plan-Achromat 40x/0.65 for Primo (WD=0.61mm)	Carl Zeiss	415500-1602-001	Each	$452.61	4.0%	$434.51
Science Laboratory and Teaching Supplies	415500-1606-000	Objective Plan-Achromat 20x/0.40 for Primo (WD=0.90mm)	Carl Zeiss	415500-1606-000	Each	$330.63	4.0%	$317.40
Science Laboratory and Teaching Supplies	415500-1610-000	Objective Plan-Achromat 20x/0.4 D=0 for Primo (WD=1.0mm)	Carl Zeiss	415500-1610-000	Each	$200.09	4.0%	$192.09
Science Laboratory and Teaching Supplies	415500-1611-001	Objective Plan-Achromat 40x/0.65 D=0 for Primo (WD=0.72mm)	Carl Zeiss	415500-1611-001	Each	$389.48	4.0%	$373.90
Science Laboratory and Teaching Supplies	415500-1612-001	Objective Plan-Achromat 100x/1.25 D=0 Oil for Primo (WD=0.32mm), incl. Immersion oil for Primo, 5ml	Carl Zeiss	415500-1612-001	Each	$585.29	4.0%	$561.88
Science Laboratory and Teaching Supplies	415500-1620-000	Objective Plan-Achromat 100x/0.8 dry for Primo (WD=0.94mm)	Carl Zeiss	415500-1620-000	Each	$603.48	4.0%	$579.34
Science Laboratory and Teaching Supplies	415501-1600-000	Objective iPlan-Achromat 4x/0.10 for Primostar 3 (WD=30.7mm)	Carl Zeiss	415501-1600-000	Each	$225.77	4.0%	$216.74
Science Laboratory and Teaching Supplies	415501-1610-000	Objective iPlan-Achromat 10x/0.25 for Primostar 3 D= - (WD=17.5mm)	Carl Zeiss	415501-1610-000	Each	$227.91	4.0%	$218.79
Science Laboratory and Teaching Supplies	415501-1611-000	Objective iPlan-Achromat 10x/0.25 CG=0 for Primostar 3 (WD=17.47mm)	Carl Zeiss	415501-1611-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	415501-1620-000	Objective iPlan-Achromat 40x/0.65 for Primostar 3 (WD=0.66mm)	Carl Zeiss	415501-1620-000	Each	$237.54	4.0%	$228.04
Science Laboratory and Teaching Supplies	415501-1621-000	Objective iPlan-Achromat 20x/0.45 CG=0 for Primostar 3 (WD=1.0mm)	Carl Zeiss	415501-1621-000	Each	$269.64	4.0%	$258.85
Science Laboratory and Teaching Supplies	415501-1622-000	Objective iPlan-Achromat 20x/0.45 for Primostar 3 (WD=1.03mm)	Carl Zeiss	415501-1622-000	Each	$256.80	4.0%	$246.53
Science Laboratory and Teaching Supplies	415501-1630-000	Objective iPlan-Achromat 50x/1.0 Oil CG=0 for Primostar 3 (WD = 0.27 mm) incl. Immersion oil, 5ml	Carl Zeiss	415501-1630-000	Each	$681.59	4.0%	$654.33
Science Laboratory and Teaching Supplies	415501-1631-000	Objective iPlan-Achromat 40x/0.65 CG=0 for Primostar 3 (WD=0.62mm)	Carl Zeiss	415501-1631-000	Each	$295.32	4.0%	$283.51
Science Laboratory and Teaching Supplies	415501-1640-000	Objective iPlan-Achromat 100x/0.8 dry for Primostar 3 (WD=1.87mm)	Carl Zeiss	415501-1640-000	Each	$477.22	4.0%	$458.13
Science Laboratory and Teaching Supplies	415501-1641-000	Objective iPlan-Achromat 100x/1.25 Oil for Primostar 3 (WD=0.27mm), incl. Immersion oil, 5 ml	Carl Zeiss	415501-1641-000	Each	$502.90	4.0%	$482.78
Science Laboratory and Teaching Supplies	415501-1642-000	Objective iPlan-Achromat 100x/1.25 CG=0 Oil for Primostar 3 (WD=0.30mm), incl. Immersion oil, 5ml	Carl Zeiss	415501-1642-000	Each	$513.60	4.0%	$493.06
Science Laboratory and Teaching Supplies	415501-1653-000	Objective Plan-Achromat 100x/1.25 Oil for Primostar 1 (WD=0.14mm), incl. Immersion oil, 5 ml	Carl Zeiss	415501-1653-000	Each	$175.48	4.0%	$168.46
Science Laboratory and Teaching Supplies	415500-1603-001	Objective Plan-Achromat 40x/0.65 Ph2 for Primo (WD=0.61mm)	Carl Zeiss	415500-1603-001	Each	$423.72	4.0%	$406.77
Science Laboratory and Teaching Supplies	415500-1605-001	Objective Plan-Achromat 10x/0.25 Ph1 for Primo (WD=4.4mm)	Carl Zeiss	415500-1605-001	Each	$396.97	4.0%	$381.09
Science Laboratory and Teaching Supplies	415500-1607-000	Objective Plan-Achromat 20x/0.45 Ph2 for Primo (WD=0.90mm)	Carl Zeiss	415500-1607-000	Each	$403.39	4.0%	$387.25
Science Laboratory and Teaching Supplies	415500-1608-000	Objective Plan-Achromat 100x/1.25 Oil Ph3 for Primo (WD=0.21mm) Immersion oil for Primo Star, 5ml and an interference filter green, d=45 mm is included in delivery.	Carl Zeiss	415500-1608-000	Each	$616.32	4.0%	$591.67
Science Laboratory and Teaching Supplies	415500-1619-000	Objective Plan-Achromat 4x/0.10 Ph0 for Primo (WD=12.0mm)	Carl Zeiss	415500-1619-000	Each	$379.85	4.0%	$364.66
Science Laboratory and Teaching Supplies	415501-1615-000	Objective iPlan-Achromat 10x/0.25 Ph1 for Primostar 3 (WD=18.4mm)	Carl Zeiss	415501-1615-000	Each	$284.62	4.0%	$273.24
Science Laboratory and Teaching Supplies	415501-1625-000	Objective iPlan-Achromat 20x/0.45 Ph2 for Primostar 3 (WD=1.00mm)	Carl Zeiss	415501-1625-000	Each	$333.84	4.0%	$320.49
Science Laboratory and Teaching Supplies	415501-1635-000	Objective iPlan-Achromat 40x/0.65 Ph2 for Primostar 3 (WD=0.66mm)	Carl Zeiss	415501-1635-000	Each	$426.93	4.0%	$409.85
Science Laboratory and Teaching Supplies	415501-1645-000	Objective iPlan-Achromat 100x/1.25 Oil Ph3 for Primostar 3 (WD=0.27mm) Immersion oil, 5ml is included in delivery.	Carl Zeiss	415501-1645-000	Each	$520.02	4.0%	$499.22
Science Laboratory and Teaching Supplies	415500-1614-000	Objective LD Plan-Achromat 20x/0.3 Ph1 for Primo (WD=4.6mm at D=1mm)	Carl Zeiss	415500-1614-000	Each	$599.20	4.0%	$575.23
Science Laboratory and Teaching Supplies	415500-1616-000	Objective LD Plan-Achromat 40x/0.5 Ph2 for Primo (WD=2.7mm at D=1mm)	Carl Zeiss	415500-1616-000	Each	$1,074.28	4.0%	$1,031.31

Science Laboratory and Teaching Supplies	415500-1617-000	Objective LD Plan-Achromat 40x/0.5 Ph1 for Primo (WD=2.7mm at D=1mm)	Carl Zeiss	415500-1617-000	Each	$1,030.41	4.0%	$989.19
Science Laboratory and Teaching Supplies	415500-1618-000	Objective LD Plan-Achromat 20x/0.3 Ph2 for Primo (WD=4.6mm at D=1mm)	Carl Zeiss	415500-1618-000	Each	$632.37	4.0%	$607.08
Science Laboratory and Teaching Supplies	421020-9900-000	Objective A-Plan 2.5x/0.06 M27 (FWD=10.4mm)	Carl Zeiss	421020-9900-000	Each	$500.76	4.0%	$480.73
Science Laboratory and Teaching Supplies	421030-9900-000	Objective A-Plan 5x/0.12 M27 (FWD=10.1mm)	Carl Zeiss	421030-9900-000	Each	$356.31	4.0%	$342.06
Science Laboratory and Teaching Supplies	421040-9900-000	Objective A-Plan 10x/0.25 M27 (FWD=4.5mm)	Carl Zeiss	421040-9900-000	Each	$284.62	4.0%	$273.24
Science Laboratory and Teaching Supplies	421050-9900-000	Objective A-Plan 20x/0.45 M27 (FWD=0.46mm)	Carl Zeiss	421050-9900-000	Each	$384.13	4.0%	$368.76
Science Laboratory and Teaching Supplies	421060-9900-000	Objective A-Plan 40x/0.65 M27 (FWD=0.45mm)	Carl Zeiss	421060-9900-000	Each	$570.31	4.0%	$547.50
Science Laboratory and Teaching Supplies	421064-9900-000	Objective A-Plan 40x/0.65 D=0 M27 (FWD=0.55mm)	Carl Zeiss	421064-9900-000	Each	$589.57	4.0%	$565.99
Science Laboratory and Teaching Supplies	421080-9900-000	Objective A-Plan 63x/0.8 M27 (FWD=0.30mm)	Carl Zeiss	421080-9900-000	Each	$750.07	4.0%	$720.07
Science Laboratory and Teaching Supplies	421090-9800-000	Objective A-Plan 100x/0.8 M27 (FWD=0.97mm)	Carl Zeiss	421090-9800-000	Each	$685.87	4.0%	$658.44
Science Laboratory and Teaching Supplies	421090-9902-000	Objective A-Plan 100x/1.25 Oil M27 (FWD=0.22mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	421090-9902-000	Each	$920.20	4.0%	$883.39
Science Laboratory and Teaching Supplies	421094-9900-000	Objective A-Plan 100x/1.25 Oil D=0 M27 (FWD=0.31mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	421094-9900-000	Each	$956.58	4.0%	$918.32
Science Laboratory and Teaching Supplies	421031-9910-000	Objective A-Plan 5x/0.12 Ph0 M27 (FWD=9.9mm)	Carl Zeiss	421031-9910-000	Each	$549.98	4.0%	$527.98
Science Laboratory and Teaching Supplies	421041-9910-000	Objective A-Plan 10x/0.25 Ph1 M27 (FWD=4.3mm)	Carl Zeiss	421041-9910-000	Each	$356.31	4.0%	$342.06
Science Laboratory and Teaching Supplies	421051-9910-000	Objective A-Plan 20x/0.45 Ph2 M27 (FWD=0.46mm)	Carl Zeiss	421051-9910-000	Each	$498.62	4.0%	$478.68
Science Laboratory and Teaching Supplies	421061-9910-000	Objective A-Plan 40x/0.65 Ph2 M27 (FWD=0.45mm)	Carl Zeiss	421061-9910-000	Each	$674.10	4.0%	$647.14
Science Laboratory and Teaching Supplies	421081-9910-000	Objective A-Plan 63x/0.8 Ph2 M27 (FWD=0.30mm)	Carl Zeiss	421081-9910-000	Each	$878.47	4.0%	$843.33
Science Laboratory and Teaching Supplies	421091-9811-000	Objective A-Plan 100x/1.25 Oil Ph2 M27 (FWD=0.22mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	421091-9811-000	Each	$1,291.49	4.0%	$1,239.83
Science Laboratory and Teaching Supplies	421091-9912-000	Objective A-Plan 100x/1.25 Oil Ph3 M27 (FWD=0.22mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	421091-9912-000	Each	$1,242.27	4.0%	$1,192.58
Science Laboratory and Teaching Supplies	441031-9910-710	Objective A-Plan 10x/0.25 Ph1- for negative phase contrast (WD=4.2mm)	Carl Zeiss	441031-9910-710	Each	$1,755.87	4.0%	$1,685.64
Science Laboratory and Teaching Supplies	421033-9900-000	Objective A-Plan 5x/0.12 Pol M27 (FWD=10.1mm)	Carl Zeiss	421033-9900-000	Each	$370.22	4.0%	$355.41
Science Laboratory and Teaching Supplies	421043-9900-000	Objective A-Plan 10x/0.25 Pol M27 (FWD=4.5mm)	Carl Zeiss	421043-9900-000	Each	$383.06	4.0%	$367.74
Science Laboratory and Teaching Supplies	421053-9900-000	Objective A-Plan 20x/0.45 Pol M27 (FWD=0.46mm)	Carl Zeiss	421053-9900-000	Each	$465.45	4.0%	$446.83
Science Laboratory and Teaching Supplies	421063-9900-000	Objective A-Plan 40x/0.65 Pol M27 (FWD=0.45mm)	Carl Zeiss	421063-9900-000	Each	$603.48	4.0%	$579.34
Science Laboratory and Teaching Supplies	421083-9900-000	Objective A-Plan 63x/0.8 Pol M27 (FWD=0.30mm)	Carl Zeiss	421083-9900-000	Each	$1,003.66	4.0%	$963.51
Science Laboratory and Teaching Supplies	441033-9900-000	Objective A-Plan 10x/0.25 Pol W0.8" (WD=4.2mm)	Carl Zeiss	441033-9900-000	Each	$345.61	4.0%	$331.79
Science Laboratory and Teaching Supplies	441053-9900-000	Objective A-Plan 40x/0.65 Pol W0.8" (WD=0.43mm)	Carl Zeiss	441053-9900-000	Each	$548.91	4.0%	$526.95
Science Laboratory and Teaching Supplies	441063-9900-000	Objective A-Plan 63x/0.8 Pol W0.8" (WD=0.30mm)	Carl Zeiss	441063-9900-000	Each	$765.05	4.0%	$734.45
Science Laboratory and Teaching Supplies	421230-9900-000	Objective LD A-Plan 5x/0.15 M27 (FWD=11.7mm at CG=1mm polystyrene)	Carl Zeiss	421230-9900-000	Each	$700.85	4.0%	$672.82
Science Laboratory and Teaching Supplies	421240-9900-000	Objective LD A-Plan 10x/0.25 M27 (FWD=8.5mm at CG=1mm polystyrene)	Carl Zeiss	421240-9900-000	Each	$977.98	4.0%	$938.86
Science Laboratory and Teaching Supplies	421250-9901-000	Objective LD A-Plan 20x/0.35 M27 (FWD=4.9mm at CG=1mm polystyrene)	Carl Zeiss	421250-9901-000	Each	$1,384.58	4.0%	$1,329.20
Science Laboratory and Teaching Supplies	421251-9931-000	Objective LD A-Plan 20x/0.35 iHMC M27 (FWD=4.9mm at CG=1mm polystyrene), suitable for improved Hoffman Modulation Contrast	Carl Zeiss	421251-9931-000	Each	$2,447.09	4.0%	$2,349.21
Science Laboratory and Teaching Supplies	421260-9906-000	Objective LD A-Plan 40x/0.55 M27 (FWD=2.3mm at CG=1mm polystyrene)	Carl Zeiss	421260-9906-000	Each	$1,610.35	4.0%	$1,545.94
Science Laboratory and Teaching Supplies	421260-9906-710	Objective LD A-Plan 40x/0.55 for Thermo Plate M27 (FWD=1.5mm at CG=0.5mm glass + CG=1.0mm polystyrene)	Carl Zeiss	421260-9906-710	Each	$1,256.18	4.0%	$1,205.93
Science Laboratory and Teaching Supplies	421280-9900-000	Objective LD A-Plan 63x/0.65 M27 (FWD=1.8mm at CG=1mm polystyrene)	Carl Zeiss	421280-9900-000	Each	$2,097.20	4.0%	$2,013.31
Science Laboratory and Teaching Supplies	421280-9900-710	Objective LD A-Plan 63x/0.65 for Thermo Plate M27 (FWD=1.1mm at CG=0.5mm glass + CG=1.0mm polystyrene)	Carl Zeiss	421280-9900-710	Each	$2,446.02	4.0%	$2,348.18
Science Laboratory and Teaching Supplies	421281-9930-000	Objective LD A-Plan 63x0.65 iHMC M27 (FWD=1.8mm at CG=1mm polystyrene), for improved Hoffman Modulation Contrast	Carl Zeiss	421281-9930-000	Each	$3,073.04	4.0%	$2,950.12
Science Laboratory and Teaching Supplies	421231-9910-000	Objective LD A-Plan 5x/0.15 Ph1 M27 (FWD=11.7mm at CG=1mm polystyrene)	Carl Zeiss	421231-9910-000	Each	$769.33	4.0%	$738.56
Science Laboratory and Teaching Supplies	421241-9910-000	Objective LD A-Plan 10x/0.25 Ph1 M27 (FWD=8.5mm at CG=1mm polystyrene)	Carl Zeiss	421241-9910-000	Each	$1,082.84	4.0%	$1,039.53
Science Laboratory and Teaching Supplies	421241-9930-000	Objective LD A-Plan 10x/0.25 iHMC M27 (FWD=8.4mm at CG=1mm polystyrene), for improved Hoffman Modulation Contrast	Carl Zeiss	421241-9930-000	Each	$1,934.56	4.0%	$1,857.18
Science Laboratory and Teaching Supplies	421251-9911-000	Objective LD A-Plan 20x/0.35 Ph1 M27 (FWD=4.9mm at CG=1mm polystyrene)	Carl Zeiss	421251-9911-000	Each	$1,432.73	4.0%	$1,375.42
Science Laboratory and Teaching Supplies	421251-9911-710	Objective LD A-Plan 20x/0.35 Ph1- M27 (FWD=4.9mm at CG=1mm polystyrene)	Carl Zeiss	421251-9911-710	Each	$1,500.14	4.0%	$1,440.13
Science Laboratory and Teaching Supplies	421251-9911-711	Objective LD A-Plan 20x/0.35 Ph2 M27 (FWD=4.9mm at CG=1mm polystyrene)	Carl Zeiss	421251-9911-711	Each	$1,431.66	4.0%	$1,374.39
Science Laboratory and Teaching Supplies	421261-9917-000	Objective LD A-Plan 40x/0.55 Ph1 M27 (FWD=2.3mm at CG=1mm polystyrene)	Carl Zeiss	421261-9917-000	Each	$1,733.40	4.0%	$1,664.06

Science Laboratory and Teaching Supplies	421261-9917-710	Objective LD A-Plan 40x/0.55 Ph1 for Thermo Plate M27 (FWD=1.5mm at CG=0.5mm glass + CG=1.0mm polystyrene)	Carl Zeiss	421261-9917-710	Each	$1,356.76	4.0%	$1,302.49
Science Laboratory and Teaching Supplies	421261-9918-000	Objective LD A-Plan 40x/0.55 Ph2 M27 (FWD=2.3mm at CG=1mm polystyrene)	Carl Zeiss	421261-9918-000	Each	$1,741.96	4.0%	$1,672.28
Science Laboratory and Teaching Supplies	421261-9931-000	Objective LD A-Plan 40x/0.55 iHMC M27 (FWD=2.3mm at CG=1mm polystyrene), for improved Hoffman Modulation Contrast	Carl Zeiss	421261-9931-000	Each	$2,655.74	4.0%	$2,549.51
Science Laboratory and Teaching Supplies	421261-9931-710	Objective LD A-Plan 40x/0.55 iHMC for Thermo Plate M27 (FWD=1.5mm at CG=0.5mm glass + CG=1.0mm polystyrene) for improved Hoffman Modulation Contrast	Carl Zeiss	421261-9931-710	Each	$2,700.68	4.0%	$2,592.65
Science Laboratory and Teaching Supplies	421281-9910-000	Objective LD A-Plan 63x/0.65 Ph2 M27 (FWD=1.8mm at CG=1mm polystyrene)	Carl Zeiss	421281-9910-000	Each	$2,513.43	4.0%	$2,412.89
Science Laboratory and Teaching Supplies	441241-9911-000	Objective LD A-Plan 20x/0.3 Ph1 (D=0-2mm) (WD=4.2mm at D=1mm)	Carl Zeiss	441241-9911-000	Each	$1,481.95	4.0%	$1,422.67
Science Laboratory and Teaching Supplies	420120-9901-000	Objective Fluar 2.5x/0.12 M27 (FWD=8.7mm)	Carl Zeiss	420120-9901-000	Each	$3,549.19	4.0%	$3,407.22
Science Laboratory and Teaching Supplies	420130-9900-000	Objective Fluar 5x/0.25 M27 (FWD=12.5mm)	Carl Zeiss	420130-9900-000	Each	$3,365.15	4.0%	$3,230.54
Science Laboratory and Teaching Supplies	420140-9901-000	Objective Fluar 10x/0.5 M27 (WD=1.6mm)	Carl Zeiss	420140-9901-000	Each	$3,511.74	4.0%	$3,371.27
Science Laboratory and Teaching Supplies	420150-9900-000	Objective Fluar 20x/0.75 M27 (FWD=0.60mm), incl. Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	420150-9900-000	Each	$4,000.73	4.0%	$3,840.70
Science Laboratory and Teaching Supplies	421190-9800-000	Objective alpha Plan-Fluar 100x/1.49 Oil M27 (FWD=0.08mm), incl. Immersol 518 F, oiler 20ml and Cover glasses, high performance, CG=0.17mm, box with 100 pc.	Carl Zeiss	421190-9800-000	Each	$15,214.33	4.0%	$14,605.76
Science Laboratory and Teaching Supplies	440125-0000-000	Objective Fluar 5x/0.25 (WD=12.5mm)	Carl Zeiss	440125-0000-000	Each	$3,463.59	4.0%	$3,325.05
Science Laboratory and Teaching Supplies	440013-9902-000	Objective Ultrafluar 10x/0.2 (WD=7.4mm)	Carl Zeiss	440013-9902-000	Each	$8,420.90	4.0%	$8,084.06
Science Laboratory and Teaching Supplies	440015-9901-000	Objective Ultrafluar 40x/0.6 Glyc (WD=0.36mm), incl. Immersion glycerine, bottle 10 ml	Carl Zeiss	440015-9901-000	Each	$14,113.30	4.0%	$13,548.77
Science Laboratory and Teaching Supplies	422030-9902-000	Objective EC Epiplan 5x/0.13 M27 (FWD=11.8mm)	Carl Zeiss	422030-9902-000	Each	$697.64	4.0%	$669.73
Science Laboratory and Teaching Supplies	422040-9902-000	Objective EC Epiplan 10x/0.25 M27 (FWD=11.0mm)	Carl Zeiss	422040-9902-000	Each	$767.19	4.0%	$736.50
Science Laboratory and Teaching Supplies	422050-9903-000	Objective EC Epiplan 20x/0.4 M27 (FWD=3.2mm)	Carl Zeiss	422050-9903-000	Each	$1,080.70	4.0%	$1,037.47
Science Laboratory and Teaching Supplies	422060-9901-000	Objective EC Epiplan 40x/0.6 M27 (FWD=2.2mm)	Carl Zeiss	422060-9901-000	Each	$1,623.19	4.0%	$1,558.26
Science Laboratory and Teaching Supplies	422070-9902-000	Objective EC Epiplan 50x/0.75 M27 (FWD=1.0mm)	Carl Zeiss	422070-9902-000	Each	$1,501.21	4.0%	$1,441.16
Science Laboratory and Teaching Supplies	422090-9902-000	Objective EC Epiplan 100x/0.85 M27 (FWD=0.87mm)	Carl Zeiss	422090-9902-000	Each	$1,816.86	4.0%	$1,744.19
Science Laboratory and Teaching Supplies	442020-9902-000	Objective Epiplan 5x/0.13 W0.8" (WD=20.5mm)	Carl Zeiss	442020-9902-000	Each	$266.43	4.0%	$255.77
Science Laboratory and Teaching Supplies	442030-9903-000	Objective Epiplan 10x/0.23 W0.8" (WD=11.1mm)	Carl Zeiss	442030-9903-000	Each	$240.75	4.0%	$231.12
Science Laboratory and Teaching Supplies	442060-9901-000	Objective Epiplan 50x/0.65 W0.8" (WD=1.6mm)	Carl Zeiss	442060-9901-000	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	442080-9901-000	Objective Epiplan 100x/0.8 W0.8" (WD=1.3mm)	Carl Zeiss	442080-9901-000	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	422043-9902-000	Objective EC Epiplan 10x/0.25 Pol M27 (FWD=11.0mm)	Carl Zeiss	422043-9902-000	Each	$1,395.28	4.0%	$1,339.47
Science Laboratory and Teaching Supplies	422073-9902-000	Objective EC Epiplan 50x/0.75 Pol M27 (FWD=1.0mm)	Carl Zeiss	422073-9902-000	Each	$2,346.51	4.0%	$2,252.65
Science Laboratory and Teaching Supplies	422030-9961-000	Objective EC Epiplan 5x/0.13 BD M27 (FWD=11.8mm)	Carl Zeiss	422030-9961-000	Each	$954.44	4.0%	$916.26
Science Laboratory and Teaching Supplies	422040-9961-000	Objective EC Epiplan 10x/0.25 BD M27 (FWD=11.0mm)	Carl Zeiss	422040-9961-000	Each	$1,012.22	4.0%	$971.73
Science Laboratory and Teaching Supplies	422050-9961-000	Objective EC Epiplan 20x/0.4 BD M27 (FWD=3.2mm)	Carl Zeiss	422050-9961-000	Each	$1,249.76	4.0%	$1,199.77
Science Laboratory and Teaching Supplies	422060-9961-000	Objective EC Epiplan 40x/0.6 BD M27 (FWD=2.2mm)	Carl Zeiss	422060-9961-000	Each	$1,619.98	4.0%	$1,555.18
Science Laboratory and Teaching Supplies	422070-9961-000	Objective EC Epiplan 50x/0.75 BD M27 (FWD=1.0mm)	Carl Zeiss	422070-9961-000	Each	$1,873.57	4.0%	$1,798.63
Science Laboratory and Teaching Supplies	422090-9961-000	Objective EC Epiplan 100x/0.85 BD M27 (FWD=0.87mm)	Carl Zeiss	422090-9961-000	Each	$2,035.14	4.0%	$1,953.73
Science Laboratory and Teaching Supplies	422850-9900-000	Objective LD Epiplan 20x/0.4 M27 (CG=0mm with or CG=1.5mm without coverglass cap) (FWD=7.2mm at D=0mm)	Carl Zeiss	422850-9900-000	Each	$5,047.19	4.0%	$4,845.30
Science Laboratory and Teaching Supplies	422310-9901-000	Objective EC Epiplan-Neofluar 1.25x/0.03 M27 (FWD=4.0mm)	Carl Zeiss	422310-9901-000	Each	$4,400.91	4.0%	$4,224.87
Science Laboratory and Teaching Supplies	422320-9900-000	Objective EC Epiplan-Neofluar 2.5x/0.06 M27 (FWD=15.1mm)	Carl Zeiss	422320-9900-000	Each	$1,512.98	4.0%	$1,452.46
Science Laboratory and Teaching Supplies	000000-1156-511	Objective EC Epiplan-Neofluar 5x/0.13 DIC M27 (FWD=15.8mm)	Carl Zeiss	000000-1156-511	Each	$1,677.76	4.0%	$1,610.65
Science Laboratory and Teaching Supplies	000000-1156-521	Objective EC Epiplan-Neofluar 20x/0.50 DIC M27 (FWD=2.1mm)	Carl Zeiss	000000-1156-521	Each	$2,310.13	4.0%	$2,217.72
Science Laboratory and Teaching Supplies	422342-9900-000	Objective EC Epiplan-Neofluar 10x/0.25 DIC M27 (FWD=9.3mm)	Carl Zeiss	422342-9900-000	Each	$2,444.95	4.0%	$2,347.15
Science Laboratory and Teaching Supplies	422372-9901-000	Objective EC Epiplan-Neofluar 50x/0.8 DIC M27 (FWD=0.57mm)	Carl Zeiss	422372-9901-000	Each	$2,829.08	4.0%	$2,715.92
Science Laboratory and Teaching Supplies	422392-9901-000	Objective EC Epiplan-Neofluar 100x/0.9 DIC M27 (FWD=1.0mm)	Carl Zeiss	422392-9901-000	Each	$4,036.04	4.0%	$3,874.60
Science Laboratory and Teaching Supplies	422392-9901-799	Objective EC Epiplan-Neofluar 100x/0.9 DIC M27 (FWD=1.0mm) With serial number. Strehl ratio >90%.	Carl Zeiss	422392-9901-799	Each	$8,828.57	4.0%	$8,475.43
Science Laboratory and Teaching Supplies	422452-9900-000	Objective LD EC Epiplan-Neofluar 20x/0.22 DIC M27 (FWD=12.1mm)	Carl Zeiss	422452-9900-000	Each	$3,619.81	4.0%	$3,475.02
Science Laboratory and Teaching Supplies	422472-9900-000	Objective LD EC Epiplan-Neofluar 50x/0.55 DIC M27 (FWD=9.1mm)	Carl Zeiss	422472-9900-000	Each	$4,041.39	4.0%	$3,879.73
Science Laboratory and Teaching Supplies	422492-9801-000	Objective LD C Epiplan-Neofluar 100x/0.75 DIC M27 (FWD=4.0mm) Optimized for 405 nm	Carl Zeiss	422492-9801-000	Each	$6,574.08	4.0%	$6,311.12

Science Laboratory and Teaching Supplies	422492-9900-799	Objective LD EC Epiplan-Neofluar 100x/0.75 DIC M27 (FWD=4.0mm) With serial number. Strehl ratio >90%.	Carl Zeiss	422492-9900-799	Each	$8,370.61	4.0%	$8,035.79
Science Laboratory and Teaching Supplies	000000-1156-512	Objective EC Epiplan-Neofluar 5x/0.13 Pol M27 (FWD=15.8mm)	Carl Zeiss	000000-1156-512	Each	$2,803.40	4.0%	$2,691.26
Science Laboratory and Teaching Supplies	000000-1156-522	Objective EC Epiplan-Neofluar 20x/0.50 Pol M27 (FWD=2.1mm)	Carl Zeiss	000000-1156-522	Each	$2,857.97	4.0%	$2,743.65
Science Laboratory and Teaching Supplies	422323-9900-000	Objective EC Epiplan-Neofluar 2.5x/0.06 Pol M27 (FWD=15.1mm)	Carl Zeiss	422323-9900-000	Each	$2,301.57	4.0%	$2,209.51
Science Laboratory and Teaching Supplies	422343-9900-000	Objective EC Epiplan-Neofluar 10x/0.25 Pol M27 (FWD=9.3mm)	Carl Zeiss	422343-9900-000	Each	$2,889.00	4.0%	$2,773.44
Science Laboratory and Teaching Supplies	422373-9800-000	Objective EC Epiplan-Neofluar 50x/0.8 Pol M27 (FWD=0.57mm)	Carl Zeiss	422373-9800-000	Each	$3,630.51	4.0%	$3,485.29
Science Laboratory and Teaching Supplies	422373-9900-000	Objective EC Epiplan-Neofluar 50x/1.0 Oil Pol M27 (FWD=0.40mm), incl. Immersol M, oiler 20ml	Carl Zeiss	422373-9900-000	Each	$7,816.35	4.0%	$7,503.70
Science Laboratory and Teaching Supplies	422393-9901-000	Objective EC Epiplan-Neofluar 100x/0.9 Pol M27 (FWD=1.0mm)	Carl Zeiss	422393-9901-000	Each	$6,426.42	4.0%	$6,169.36
Science Laboratory and Teaching Supplies	422493-9900-000	Objective Epiplan-Neofluar 100x/1.3 Oil Pol M27 (FWD=0.37mm), incl. Immersol 518 N, oiler 20ml	Carl Zeiss	422493-9900-000	Each	$6,398.60	4.0%	$6,142.66
Science Laboratory and Teaching Supplies	422320-9960-000	Objective EC Epiplan-Neofluar 2.5x/0.06 BD M27 (FWD=15.1mm)	Carl Zeiss	422320-9960-000	Each	$2,225.60	4.0%	$2,136.58
Science Laboratory and Teaching Supplies	422330-9960-000	Objective EC Epiplan-Neofluar 5x/0.13 BD M27 (FWD=14.5mm)	Carl Zeiss	422330-9960-000	Each	$2,042.63	4.0%	$1,960.92
Science Laboratory and Teaching Supplies	422340-9960-000	Objective EC Epiplan-Neofluar 10x/0.25 BD M27 (FWD=9mm)	Carl Zeiss	422340-9960-000	Each	$2,256.63	4.0%	$2,166.36
Science Laboratory and Teaching Supplies	422350-9960-000	Objective EC Epiplan-Neofluar 20x/0.50 BD M27 (FWD=2.2mm)	Carl Zeiss	422350-9960-000	Each	$2,300.50	4.0%	$2,208.48
Science Laboratory and Teaching Supplies	422370-9961-000	Objective EC Epiplan-Neofluar 50x/0.8 BD M27 (FWD=0.59mm)	Carl Zeiss	422370-9961-000	Each	$3,420.79	4.0%	$3,283.96
Science Laboratory and Teaching Supplies	422390-9961-000	Objective EC Epiplan-Neofluar 100x/0.9 BD M27 (FWD=1.0mm)	Carl Zeiss	422390-9961-000	Each	$4,675.90	4.0%	$4,488.86
Science Laboratory and Teaching Supplies	000000-1156-514	Objective EC Epiplan-Neofluar 5x/0.13 BD DIC M27 (FWD=14.5mm)	Carl Zeiss	000000-1156-514	Each	$2,636.48	4.0%	$2,531.02
Science Laboratory and Teaching Supplies	000000-1156-524	Objective EC Epiplan-Neofluar 20x/0.50 BD DIC M27 (FWD=2.2mm)	Carl Zeiss	000000-1156-524	Each	$2,704.96	4.0%	$2,596.76
Science Laboratory and Teaching Supplies	422342-9960-000	Objective EC Epiplan-Neofluar 10x/0.25 BD DIC M27 (FWD=9.0mm)	Carl Zeiss	422342-9960-000	Each	$2,800.19	4.0%	$2,688.18
Science Laboratory and Teaching Supplies	422372-9961-000	Objective EC Epiplan-Neofluar 50x/0.8 BD DIC M27 (FWD=0.59mm)	Carl Zeiss	422372-9961-000	Each	$3,842.37	4.0%	$3,688.68
Science Laboratory and Teaching Supplies	422392-9961-000	Objective EC Epiplan-Neofluar 100x/0.9 BD DIC M27 (FWD=1.0mm)	Carl Zeiss	422392-9961-000	Each	$5,223.74	4.0%	$5,014.79
Science Laboratory and Teaching Supplies	422452-9960-000	Objective LD EC Epiplan-Neofluar 20x/0.22 BD DIC M27 (FWD=12.0mm)	Carl Zeiss	422452-9960-000	Each	$5,169.17	4.0%	$4,962.40
Science Laboratory and Teaching Supplies	422472-9960-000	Objective LD EC Epiplan-Neofluar 50x/0.55 BD DIC M27 (FWD=9.0mm)	Carl Zeiss	422472-9960-000	Each	$5,082.50	4.0%	$4,879.20
Science Laboratory and Teaching Supplies	422492-9900-000	Objective LD EC Epiplan-Neofluar 100x/0.75 DIC M27 (FWD=4.0mm)	Carl Zeiss	422492-9900-000	Each	$6,810.55	4.0%	$6,538.13
Science Laboratory and Teaching Supplies	422492-9960-000	Objective LD EC Epiplan-Neofluar 100x/0.75 BD DIC M27 (FWD=4.1mm)	Carl Zeiss	422492-9960-000	Each	$7,333.78	4.0%	$7,040.43
Science Laboratory and Teaching Supplies	422690-9900-000	Objective EC Epiplan-Apochromat 150x/0.95 M27 (FWD=0.23mm)	Carl Zeiss	422690-9900-000	Each	$7,889.11	4.0%	$7,573.55
Science Laboratory and Teaching Supplies	422632-9900-000	Objective C Epiplan-Apochromat 5x/0.2 DIC M27 (FWD=21mm) Optimized for 405 nm.	Carl Zeiss	422632-9900-000	Each	$5,467.70	4.0%	$5,248.99
Science Laboratory and Teaching Supplies	422642-9900-000	Objective C Epiplan-Apochromat 10x/0.4 DIC M27 (FWD=5.4mm) Optimized for 405 nm.	Carl Zeiss	422642-9900-000	Each	$6,167.48	4.0%	$5,920.78
Science Laboratory and Teaching Supplies	422652-9900-000	Objective C Epiplan-Apochromat 20x/0.7 DIC M27 (FWD=1.3mm) Optimized for 405 nm.	Carl Zeiss	422652-9900-000	Each	$6,448.89	4.0%	$6,190.93
Science Laboratory and Teaching Supplies	422672-9900-000	**Objective C Epiplan-Apochromat 50x/0.95 DIC M27 (FWD=0.22mm) Optimized for 405 nm.**	Carl Zeiss	422672-9900-000	Each	$7,569.18	4.0%	$7,266.41
Science Laboratory and Teaching Supplies	422642-9960-000	Objective EC Epiplan-Apochromat 10x/0.3 BD DIC M27 (FWD=5.0mm)	Carl Zeiss	422642-9960-000	Each	$4,633.10	4.0%	$4,447.78
Science Laboratory and Teaching Supplies	422652-9960-000	Objective EC Epiplan-Apochromat 20x/0.6 BD DIC M27 (FWD=1.7mm)	Carl Zeiss	422652-9960-000	Each	$5,216.25	4.0%	$5,007.60
Science Laboratory and Teaching Supplies	422672-9960-000	Objective EC Epiplan-Apochromat 50x/0.95 BD DIC M27 (FWD=0.28mm)	Carl Zeiss	422672-9960-000	Each	$6,616.88	4.0%	$6,352.20
Science Laboratory and Teaching Supplies	422692-9961-000	Objective EC Epiplan-Apochromat 100x/0.95 HD DIC M27 (FWD=0.21mm)	Carl Zeiss	422692-9961-000	Each	$9,369.99	4.0%	$8,995.19
Science Laboratory and Teaching Supplies	422672-9800-000	Objective LD C Epiplan-Apochromat 50x/0.6 DIC M27 (FWD=7.6mm) Optimized for 405 nm	Carl Zeiss	422672-9800-000	Each	$7,984.34	4.0%	$7,664.97
Science Laboratory and Teaching Supplies	435230-9001-000	Objective PlanApo D 5x/0.3 FWD 30mm (G) - bayonet interface - integrated information about true magnification and optical correction factors - integrated segmented LED ring light	Carl Zeiss	435230-9001-000	Each	$8,841.41	4.0%	$8,487.75
Science Laboratory and Teaching Supplies	435230-9011-000	Objective PlanApo D 1.6x/0.1 FWD 36mm (G) - bayonet interface - integrated information about true magnification and optical correction factors - integrated segmented LED ring light	Carl Zeiss	435230-9011-000	Each	$8,841.41	4.0%	$8,487.75

Science Laboratory and Teaching Supplies	435230-9021-000	Objective PlanApo D 0.5x/0.03 FWD 78mm (G) - bayonet interface - integrated information about true magnification and optical correction factors - integrated segmented LED ring light	Carl Zeiss	435230-9021-000	Each	$8,841.41	4.0%	$8,487.75
Science Laboratory and Teaching Supplies	435230-9040-000	Objective PlanApo D 10x/0.6 FWD 10mm (G) - bayonet interface - integrated information about true magnification and optical correction factors - integrated segmented LED ring light	Carl Zeiss	435230-9040-000	Each	$17,384.29	4.0%	$16,688.92
Science Laboratory and Teaching Supplies	000000-1111-807	Immersion oil Immersol 518 N, bottle 100 ml (ISO 8036-1, ne=1.518 (23°C), halogen-free)	Carl Zeiss	000000-1111-807	Each	$90.95	4.0%	$87.31
Science Laboratory and Teaching Supplies	000000-1111-809	Immersion oil Immersol 518 N, bottle 500 ml (ISO 8036-1, ne=1.518 (23°C), halogen-free)	Carl Zeiss	000000-1111-809	Each	$339.19	4.0%	$325.62
Science Laboratory and Teaching Supplies	433802-9000-000	Immersion oil Immersol 518 N, oiler 20 ml - boxed (ISO 8036-1, ne=1.518 (23°C), halogen-free)	Carl Zeiss	433802-9000-000	Each	$52.43	4.0%	$50.33
Science Laboratory and Teaching Supplies	433802-9010-000	Immersion oil Immersol 518 F, oiler 20 ml - boxed fluorescence free immersion medium (ISO 8036-1/2, ne=1.518 (23°C), halogen-free)	Carl Zeiss	433802-9010-000	Each	$81.32	4.0%	$78.07
Science Laboratory and Teaching Supplies	444962-0000-000	Immersion oil Immersol 518 F fluorescence free, bottle 100 ml (ISO 8036-1/2, ne=1.518 (23°C), halogen-free)	Carl Zeiss	444962-0000-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	444964-0000-000	Immersion oil Immersol 518 F fluorescence free, bottle 500 ml (ISO 8036-1/2, ne=1.518 (23°C), halogen-free)	Carl Zeiss	444964-0000-000	Each	$727.60	4.0%	$698.50
Science Laboratory and Teaching Supplies	444970-9010-000	Immersion oil Immersol 518 F for 37°C fluorescence free, oiler 20ml (ISO 8036-1/2, ne=1.518 (37°C), halogen-free)	Carl Zeiss	444970-9010-000	Each	$125.19	4.0%	$120.18
Science Laboratory and Teaching Supplies	462959-9901-000	Immersion medium Immersol G, oiler 20 ml ne = 1.456 (23 °C) ve = 58 Glycerine immersion for fluorescence microscopy	Carl Zeiss	462959-9901-000	Each	$167.99	4.0%	$161.27
Science Laboratory and Teaching Supplies	444969-0000-000	Immersion medium Immersol W 2010, oiler 20 ml ne=1.3339 (23°C) for water immersion	Carl Zeiss	444969-0000-000	Each	$230.05	4.0%	$220.85
Science Laboratory and Teaching Supplies	444965-0000-000	Immersion oil Immersol M, oiler 20 ml (ISO 8036, DIN 58 884, ne=1.518 (23°C))	Carl Zeiss	444965-0000-000	Each	$78.11	4.0%	$74.99
Science Laboratory and Teaching Supplies	444966-0000-000	Immersion oil Immersol M, bottle 100 ml (ISO 8036, DIN 58 884, ne=1.518 (23°C))	Carl Zeiss	444966-0000-000	Each	$210.79	4.0%	$202.36
Science Laboratory and Teaching Supplies	444967-9001-000	Immersion Oil Immersol HI 661 (23°C), oiler 20 ml ne=1.661 (23°C), Brown glass bottle 20 ml For objective alpha Plan-Apochromat 100x/1.57 Oil-HI Corr DIC M27 together with cover glasses HI, CG=0.17m, round dia=25mm	Carl Zeiss	444967-9001-000	Each	$579.94	4.0%	$556.74
Science Laboratory and Teaching Supplies	444971-9000-000	Immersion medium Immersol SI 406, Oiler 20 ml Brown glass bottle 20 ml, ne=1.406 (23 °C), halogen free	Carl Zeiss	444971-9000-000	Each	$181.90	4.0%	$174.62
Science Laboratory and Teaching Supplies	422900-9900-000	Antiflex cap for EC Epiplan-Neofluar 1.25x/0.03	Carl Zeiss	422900-9900-000	Each	$778.96	4.0%	$747.80
Science Laboratory and Teaching Supplies	422901-9900-000	Antiflex cap for EC Epiplan-Neofluar 2.5x/0.06	Carl Zeiss	422901-9900-000	Each	$763.98	4.0%	$733.42
Science Laboratory and Teaching Supplies	422902-9901-000	Coverglass cap for D=0.17-0.6mm for LD A-Plan 32x, 40x and LD Plan-Achromat 20x and 40x	Carl Zeiss	422902-9901-000	Each	$174.41	4.0%	$167.43
Science Laboratory and Teaching Supplies	422904-9001-000	Coverglass cap for D=0.17mm for objectives LD A-Plan 10x/0.25, 20x/0.35, 32x/0.45, 40x/0.55 and 63x/0.65, if samples with cover glass 0.17 mm shall be observed	Carl Zeiss	422904-9001-000	Each	$234.33	4.0%	$224.96
Science Laboratory and Teaching Supplies	444822-0000-000	Immersion suction ring d=22.5 (10 pcs.)	Carl Zeiss	444822-0000-000	Each	$98.44	4.0%	$94.50
Science Laboratory and Teaching Supplies	000000-1095-168	Adapter M 27x0.75 / W 0.8 H "0"	Carl Zeiss	000000-1095-168	Each	$60.99	4.0%	$58.55
Science Laboratory and Teaching Supplies	000000-1374-408	Objective extension ring DIC H= 12.3 mm, M27 for the height compensation when PIFOC is used, with DIC slot	Carl Zeiss	000000-1374-408	Each	$496.48	4.0%	$476.62
Science Laboratory and Teaching Supplies	000000-1374-410	Objective extension ring H= 12.3 mm, M27 for the height compensation when PIFOC is used	Carl Zeiss	000000-1374-410	Each	$291.04	4.0%	$279.40
Science Laboratory and Teaching Supplies	000000-1698-345	Adapter W0.8 / M27x0.75 H "5"	Carl Zeiss	000000-1698-345	Each	$90.95	4.0%	$87.31
Science Laboratory and Teaching Supplies	000000-1698-346	Intermediate ring M27 - M27 H "5"	Carl Zeiss	000000-1698-346	Each	$90.95	4.0%	$87.31
Science Laboratory and Teaching Supplies	000000-1698-347	Intermediate ring W0.8 - W0.8 H "5"	Carl Zeiss	000000-1698-347	Each	$90.95	4.0%	$87.31
Science Laboratory and Teaching Supplies	424508-0000-000	Objective ring ACR for objective sleeve cylindrical short	Carl Zeiss	424508-0000-000	Each	$140.17	4.0%	$134.56
Science Laboratory and Teaching Supplies	424509-0000-000	Objective ring ACR for objective sleeve conical short	Carl Zeiss	424509-0000-000	Each	$140.17	4.0%	$134.56
Science Laboratory and Teaching Supplies	424510-0000-000	Objective ring ACR for objective sleeve conical long	Carl Zeiss	424510-0000-000	Each	$162.64	4.0%	$156.13
Science Laboratory and Teaching Supplies	424511-0000-000	Objective ring ACR for objective sleeve cylindrical long	Carl Zeiss	424511-0000-000	Each	$140.17	4.0%	$134.56
Science Laboratory and Teaching Supplies	424516-9041-000	Adapter 30mm with optics and DIC slider mount for adaptation of objectives M27 with parfocal length of 45mm	Carl Zeiss	424516-9041-000	Each	$551.05	4.0%	$529.01
Science Laboratory and Teaching Supplies	424516-9070-000	Intermediate ring DIC H=12mm M27 for Axio Examiner.A1	Carl Zeiss	424516-9070-000	Each	$477.22	4.0%	$458.13
Science Laboratory and Teaching Supplies	462975-0000-000	Box of lens cleaning paper (300 sheets)	Carl Zeiss	462975-0000-000	Each	$71.69	4.0%	$68.82
Science Laboratory and Teaching Supplies	000000-1787-996	Cover glasses HI, CG=0.17m, round dia=25mm, box with 15 pc. (D) D=0.17 mm +/- 0.003 mm for objective alpha Plan-Apochromat 100x/1.57 Oil DIC Corr	Carl Zeiss	000000-1787-996	Each	$763.98	4.0%	$733.42

Science Laboratory and Teaching Supplies	432335-9370-000	Cover glasses with fiducials 20 pc. (YB) Special designed cover glasses with reference markers for correlative microscopy including a 6-digit serial number on each cover glass for a clear assignment of the sample carrier. - Cover glasses coated with indium tin oxide (ITO) - substrate: glass (D263M) - format: 22 +/- 0.1 mm x 22 +/- 0.1 mm x 0.170 +/- 0.005 mm - Chromium reference markers covered with ITO - Chrom thickness: 50 +/- 10 nm - size tolerance of the small L marker: +/- 0.003 mm - precision of the distance between chromium structure and edge of the cover glass: +/- 0.1 mm - ITO Rsq = 170 +/- 30 Ohm/sq - ITO Tavg >= 87% for 450-780 nm - Cover glasses compatible with ZEISS specimen holder CorrMic LS for cover glasses 22 x 22 mm Packaging unit: 20 pcs	Carl Zeiss	432335-9370-000	Each	$806.78	4.0%	$774.51
Science Laboratory and Teaching Supplies	474030-9000-000	Cover glasses, high performance, D=0.17mm, box with 1000 pc. Size 18x18 mm² type 1 1/2 H as per ISO 8255-1 with restricted thickness-related tolerance D=0.17 mm +/- 0.005 mm refractive index = 1.5255 +/- 0.0015, Abbe number = 56 +/-2 recommended for applications with high numerical aperture objectives	Carl Zeiss	474030-9000-000	Each	$62.06	4.0%	$59.58
Science Laboratory and Teaching Supplies	474030-9020-000	Cover glasses high performance, D=0.17mm, 22x22mm, box with 200 pc. Size 22x22 mm² type 1 1/2 H as per ISO 8255-1 with restricted thickness-related tolerance D=0.17 mm +/- 0.005 mm refractive index = 1.5255 +/- 0.00015, Abbe number = 56 +/-2 recommended for applications with high numerical aperture objectives	Carl Zeiss	474030-9020-000	Each	$41.73	4.0%	$40.06
Science Laboratory and Teaching Supplies	474029-9032-000	Calibration Slide Geometric 76x26mm D=0.17 for Axioscan - Positive and negative grids with 30 µm grating periode and 5 µm line width - Vertical and horizontal micrometer in scaling 0.1 mm (length 10 mm respectively 30 mm) - 4 points with diameter 0.05 mm, 0.1 mm, 0.5 mm and 1.0 mm - Vertical and horizontal micrometer in scaling 0.01 mm (length each 1 mm) - Including storage box	Carl Zeiss	474029-9032-000	Each	$416.23	4.0%	$399.58
Science Laboratory and Teaching Supplies	474032-9040-000	Microscope slide set TL brightfield including: - hazel - lily of the valley - taste buds, rabbit tongue - small intenstine, frog - Embryo of mouse, sagittal	Carl Zeiss	474032-9040-000	Each	$334.91	4.0%	$321.51
Science Laboratory and Teaching Supplies	000000-0428-327	Refill set for object marker 000000-1105-072	Carl Zeiss	000000-0428-327	Each	$59.92	4.0%	$57.52
Science Laboratory and Teaching Supplies	000000-1105-072	Object marker for W 0.8 objective thread, for the point or circle-shaped marking of specimens on standard microscope slides with wipe-resistant red color	Carl Zeiss	000000-1105-072	Each	$295.32	4.0%	$283.51
Science Laboratory and Teaching Supplies	420852-9000-000	CAN Distributor for Motorized Objectives and Filter Wheels for up to 3 objectives autocorr and 1-2 filter wheels	Carl Zeiss	420852-9000-000	Each	$949.09	4.0%	$911.13
Science Laboratory and Teaching Supplies	420852-9020-000	Installation Kit autocorr for Axio Observer consisting of parts for safe cable guide for the use of objectives autocorr with Axio Observer	Carl Zeiss	420852-9020-000	Each	$730.81	4.0%	$701.58
Science Laboratory and Teaching Supplies	433801-9040-000	Autoimmersion module for selected water immersion objectives on Axio Observer 7 controllable by ZEN blue software and TFT consisting of: Pump module with CAN connection cable Tube holder for nosepiece Transparent objective ring with feed pipette holder 3x Feed pipette with tube Adapter for feed pipette Water absorption rings (foam rings), 1x small, 1x large Liquid reservoir (threaded bottle) Syringe set with Luer lock connector Spare tubing 550 mm	Carl Zeiss	433801-9040-000	Each	$7,760.71	4.0%	$7,450.28
Science Laboratory and Teaching Supplies	433801-9050-000	Spare part kit for Autoimmersion module (D) - 5x Feeding pipette with tubing - Water absorption rings (foam rings), 2x small, 2x large - 1x Spare tubing 550 mm - 1x Liquid reservoir (threaded bottle)	Carl Zeiss	433801-9050-000	Each	$390.55	4.0%	$374.93
Science Laboratory and Teaching Supplies	433801-9060-000	Objective ring, transparent for Autoimmersion module (D) for adapting the feed pipette to water immersion objectives	Carl Zeiss	433801-9060-000	Each	$263.22	4.0%	$252.69
Science Laboratory and Teaching Supplies	433801-9070-000	Adapter feed pipette for Autoimmersion module (D) For attaching the feed pipette to the lens ring	Carl Zeiss	433801-9070-000	Each	$210.79	4.0%	$202.36
Science Laboratory and Teaching Supplies	433801-9090-000	Feeding pipettes for Autoimmersionmodule - 10 pcs. Feeding pipettes with tubing	Carl Zeiss	433801-9090-000	Each	$484.71	4.0%	$465.32
Science Laboratory and Teaching Supplies	478962-0000-000	Metallurgical levelling press	Carl Zeiss	478962-0000-000	Each	$1,147.04	4.0%	$1,101.16
Science Laboratory and Teaching Supplies	424225-9001-000	Condenser 0.9/1.25 H For objectives 5x-100x, compatible with low-power system for objectives 2.5x/4x, WD=0.8mm	Carl Zeiss	424225-9001-000	Each	$499.69	4.0%	$479.70
Science Laboratory and Teaching Supplies	424225-9120-000	Condenser LD aplanatic 0.8 BF, WD=5.8mm - for objectives 5x-100x - compatible with low-power system for objectives 2.5x/4x - compatible with modulator disk for phase contrast	Carl Zeiss	424225-9120-000	Each	$497.55	4.0%	$477.65

Science Laboratory and Teaching Supplies	424225-9401-000	Condenser module, 0.9/1.25 BF Consists of: - Condenser 0.9/1.25 BF For objectives 5x-100x, compatible with low-power system for objectives 2.5x/4x, WD=0.8mm	Carl Zeiss	424225-9401-000	Each	$499.69	4.0%	$479.70
Science Laboratory and Teaching Supplies	415501-1700-000	ABBE condenser 0.9 with turret disk BF, DF, Ph1, Ph2, Ph3	Carl Zeiss	415501-1700-000	Each	$904.15	4.0%	$867.98
Science Laboratory and Teaching Supplies	424209-9901-000	Achromatic LD condenser 0.8 H D Ph DIC, mot. with fixed front lens, motorized aperture stop and turret disk, with centerable Ph1, Ph2, Ph3 and D stops, already integrated, 3 mounts for DIC condenser modules, 1 separate position for bright field. For objectives 5x-100x, WD=8.6 mm	Carl Zeiss	424209-9901-000	Each	$4,231.85	4.0%	$4,062.58
Science Laboratory and Teaching Supplies	415500-1802-000	Dark-field slider 0.40-0.65 for Primo Star for objectives with aperture 0.40-0.65	Carl Zeiss	415500-1802-000	Each	$115.56	4.0%	$110.94
Science Laboratory and Teaching Supplies	415500-1826-000	Slider H, Ph1, Ph2, Ph3 for Primo Star	Carl Zeiss	415500-1826-000	Each	$330.63	4.0%	$317.40
Science Laboratory and Teaching Supplies	415501-1800-000	Slider BF/Ph2 for Primostar 3	Carl Zeiss	415501-1800-000	Each	$119.84	4.0%	$115.05
Science Laboratory and Teaching Supplies	415501-1802-000	Dark-field slider 0.40-0.65 for Primostar 3 for objectives with aperture 0.40-0.65	Carl Zeiss	415501-1802-000	Each	$93.09	4.0%	$89.37
Science Laboratory and Teaching Supplies	000000-1033-187	Slider for Ph 2	Carl Zeiss	000000-1033-187	Each	$208.65	4.0%	$200.30
Science Laboratory and Teaching Supplies	000000-1037-993	Slider for Ph 3	Carl Zeiss	000000-1037-993	Each	$215.07	4.0%	$206.47
Science Laboratory and Teaching Supplies	000000-1037-994	Slider for darkfield 0.25/0.9	Carl Zeiss	000000-1037-994	Each	$293.18	4.0%	$281.45
Science Laboratory and Teaching Supplies	424225-9010-000	Modulator disk H, D 0.65, Ph 1,2,3 PlasDIC for condenser 0.9/1.25 Alternative use of the slit-diaphragm for PlasDIC possible instead of the Ph/D stops.	Carl Zeiss	424225-9010-000	Each	$270.71	4.0%	$259.88
Science Laboratory and Teaching Supplies	424225-9410-000	Modulator disk BF, DF, Ph 1,2,3 module Consists of: - Modulator disk BF, DF 0.65, Ph 1,2,3 for condenser 0.9/1.25	Carl Zeiss	424225-9410-000	Each	$270.71	4.0%	$259.88
Science Laboratory and Teaching Supplies	000000-1144-488	Slider Ph, H, Var to accept up to two Ph/Var stops, one empty position for brightfield with neutral density filter NG 0.25 and one position oblique illumination	Carl Zeiss	000000-1144-488	Each	$150.87	4.0%	$144.84
Science Laboratory and Teaching Supplies	000000-1104-286	Phase stop Ph 1 to 000000-1144-488	Carl Zeiss	000000-1104-286	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	000000-1104-287	Phase stop Ph 2 to 000000-1144-488	Carl Zeiss	000000-1104-287	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	000000-1104-288	Phase stop Ph 3 to 000000-1144-488	Carl Zeiss	000000-1104-288	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	000000-1144-489	Segment stop Var 1 for 000000-1144-488	Carl Zeiss	000000-1144-489	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	424206-9901-000	Condenser, LD achromatic 0.8 H DIC with fixed front lens, 1 mount for DIC condenser module. For objectives 5x-100x, WD=8.6 mm	Carl Zeiss	424206-9901-000	Each	$1,882.13	4.0%	$1,806.84
Science Laboratory and Teaching Supplies	424219-9901-000	Achromatic-aplanatic pathology condenser 0.9 H with front lens switchable at the left and the right. For objective magnifications 1.0x-100x, WD=1.2mm	Carl Zeiss	424219-9901-000	Each	$1,386.72	4.0%	$1,331.25
Science Laboratory and Teaching Supplies	424225-9060-000	Condenser, achromatic-aplanatic 0.9 H with front lens which can be switched on the right and left. For objectives 1.0x-100x, WD=1.0mm	Carl Zeiss	424225-9060-000	Each	$1,378.16	4.0%	$1,323.03
Science Laboratory and Teaching Supplies	424221-9000-000	Achromatic-aplanatic condenser 0.9 H/0.4 LD specifically for Linkam heating and freezing stages, including alternately switchable front lens 0.9 H and front lens H 0.4 LD, WD=14mm, mount for Ph1 and Ph2 slider in connection with front lens 0.4	Carl Zeiss	424221-9000-000	Each	$3,521.37	4.0%	$3,380.52
Science Laboratory and Teaching Supplies	424200-9901-000	Achromatic-aplanatic universal condenser 0.9 H D Ph DIC with switchable front lens, turret disk, with centerable Ph1, Ph2, Ph3 and D stops, already integrated, 3 mounts for DIC condenser modules, 1 separate position for bright field. For objective magnifications 1.0x-100x, WD=1.2mm	Carl Zeiss	424200-9901-000	Each	$1,777.27	4.0%	$1,706.18
Science Laboratory and Teaching Supplies	424201-9903-000	Universal condenser achromatic-aplanatic 0.9 H D Ph DIC, mot. with motorized front lens, aperture diaphragm and turret disk, with centerable Ph1, Ph2, Ph3 and D stops, already integrated, 3 mounts for DIC condenser modules, 1 separate position for bright field. For objective magnifications 1.0x-100x, FWD=1.2mm	Carl Zeiss	424201-9903-000	Each	$4,942.33	4.0%	$4,744.64
Science Laboratory and Teaching Supplies	424204-9901-000	Achromatic LD condenser 0.8 H D Ph DIC with fixed front lens, 8-position turret disk, with 4 centerable Ph1, Ph2, Ph3 and D stops, already integrated, 3 mounts for DIC condenser modules, 1 separate position for bright field. For objectives 5x-100x, WD=8.6 mm	Carl Zeiss	424204-9901-000	Each	$3,663.68	4.0%	$3,517.13
Science Laboratory and Teaching Supplies	424208-0000-000	Achromatic-aplanatic condenser 1.4 H D Ph DIC with fixed front lens, turret disk, with centerable Ph2, Ph3 and D stops, already integrated, 2 mounts for DIC condenser modules, 1 separate position for bright field. For objective magnifications 20x- 100x, WD=0.4mm	Carl Zeiss	424208-0000-000	Each	$3,702.20	4.0%	$3,554.11

Science Laboratory and Teaching Supplies	424225-9070-000	Condenser, achromatic-aplanatic 0.9 H D Ph DIC with front lens switchable on the left and right. 5-position modulator disk. 4 centerable positions with Ph1, Ph2, Ph3 and dark-field stop 0.75. 1 bright-field position with aperture stop. Alternative use of up to 4 DIC prisms / slit-diaphragms PlasDIC possible instead of the Ph/D stops. For objectives 1.0-100x, WD=1.0mm	Carl Zeiss	424225-9070-000	Each	$1,684.18	4.0%	$1,616.81
Science Laboratory and Teaching Supplies	424225-9110-000	Condenser, achromatic-aplanatic 0.4 H Ph LD specifically for Linkam heating and freezing stages, with front lens switchable on the left and right, 5-position modulator disk with Ph1 and Ph2 stop, 1 brightfield position with aperture stop, WD=14mm	Carl Zeiss	424225-9110-000	Each	$3,310.58	4.0%	$3,178.16
Science Laboratory and Teaching Supplies	424225-9470-000	Condenser module, achromatic-aplanatic 0.9 BF DF Ph DIC Consists of: - Condenser, achromatic-aplanatic 0.9 BF DF Ph DIC with front lens switchable on the left and right, 5-position modulator disk, 4 centerable positions with Ph1, Ph2, Ph3 and dark-field stop 0.75, 1 bright-field position with aperture stop, Alternative use of up to 4 DIC prisms / slit-diaphragms PlasDIC possible instead of the Ph/D stops, For objectives 1.0-100x, WD=1.0mm	Carl Zeiss	424225-9470-000	Each	$1,684.18	4.0%	$1,616.81
Science Laboratory and Teaching Supplies	424226-9000-000	Condenser, LD achromatic 0.8 H DIC 5x with - fixed front lens - 5-position modulator disk - rotary stop for inclined illumination - 3 mounts for DIC prisms For objectives 5x-100x (2.5x-100x with enclosed diffusion disk), WD=8.6 mm	Carl Zeiss	424226-9000-000	Each	$2,508.08	4.0%	$2,407.76
Science Laboratory and Teaching Supplies	424226-9010-000	Condenser, achromatic-aplanatic 0.9 H DIC 5x with - fixed front lens - 5-position modulator disk - 3 mounts for DIC prisms - rotary stop for inclined illumination For objectives 10x-100x (5x-100x with enclosed diffusion disk), WD=1.2 mm	Carl Zeiss	424226-9010-000	Each	$2,939.29	4.0%	$2,821.72
Science Laboratory and Teaching Supplies	424226-9020-000	Condenser, achromatic-aplanatic 1.2W H DIC 5x with - fixed front lens - 5-position modulator disk - 3 mounts for DIC prisms - rotary stop for inclined illumination For objectives 20x-100x (10x-100x with enclosed diffusion disk), WD=2.0mm for 0.17 mm chamber bottom thickness and water immersion	Carl Zeiss	424226-9020-000	Each	$3,565.24	4.0%	$3,422.63
Science Laboratory and Teaching Supplies	424220-9902-000	Condenser achromatic-aplanatic 0.9 H mot., pathology with motorized front lens. For objective magnifications 1.0x-100x, FWD=1.2mm	Carl Zeiss	424220-9902-000	Each	$3,234.61	4.0%	$3,105.23
Science Laboratory and Teaching Supplies	424216-9901-000	Achromatic-aplanatic universal condenser 0.9 H/ 0.8-0.9 DF including alternately switchable front lens 0.9 H and front lens DF 0.8-0.9	Carl Zeiss	424216-9901-000	Each	$3,630.51	4.0%	$3,485.29
Science Laboratory and Teaching Supplies	424218-0000-000	Dark-field attachment 1.2 - 1.4 Oil for achromatic-aplanatic condenser 0.9 H/ 0.8-0.9. For attachment to the front lens DF 0.8-0.9, WD=0.4mm	Carl Zeiss	424218-0000-000	Each	$1,254.04	4.0%	$1,203.88
Science Laboratory and Teaching Supplies	465500-0000-000	Ultra condenser 1.2/1.4 (0.75-1.0) WD=1.1-1.3mm	Carl Zeiss	465500-0000-000	Each	$1,223.01	4.0%	$1,174.09
Science Laboratory and Teaching Supplies	465505-0000-000	Dry dark-field condenser 0.8/0.95 (0.6-0.75) WD=6.0mm	Carl Zeiss	465505-0000-000	Each	$1,112.80	4.0%	$1,068.29
Science Laboratory and Teaching Supplies	424212-9901-000	Achromatic-aplanatic universal condenser 0.9 H Pol with front lens switchable at the left and the right. For objective magnifications 1.0x-100x, WD= 1.2mm	Carl Zeiss	424212-9901-000	Each	$2,383.96	4.0%	$2,288.60
Science Laboratory and Teaching Supplies	424225-9090-000	Condenser, achromatic-aplanatic 0.9 H Pol with front lens which can be switched on the right and left. For objectives 1.0x-100x, (2.5x-100x at use of the polarizer slider for LED illuminator), WD=1.0mm	Carl Zeiss	424225-9090-000	Each	$1,557.92	4.0%	$1,495.60
Science Laboratory and Teaching Supplies	426716-9000-000	Slider with phase stop Ph1 for condenser 0.9 H/0.4 LD	Carl Zeiss	426716-9000-000	Each	$730.81	4.0%	$701.58
Science Laboratory and Teaching Supplies	426716-9010-000	Slider with phase stop Ph2 for condenser 0.9 H/0.4 LD	Carl Zeiss	426716-9010-000	Each	$730.81	4.0%	$701.58
Science Laboratory and Teaching Supplies	424215-0000-000	Large-field DF slider for 2.5x-5x for achromatic-aplanatic condenser 0.9 H/0.8-0.9	Carl Zeiss	424215-0000-000	Each	$800.36	4.0%	$768.35
Science Laboratory and Teaching Supplies	426704-0000-000	Condenser module DIC 0/0.8 with polarizer	Carl Zeiss	426704-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426701-0000-000	Condenser module DIC I/0.9 with polarizer	Carl Zeiss	426701-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426705-0000-000	Condenser module DIC I/0.8 with polarizer	Carl Zeiss	426705-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426715-9020-000	Condenser module DIC I/0.9 with polarizer	Carl Zeiss	426715-9020-000	Each	$1,257.25	4.0%	$1,206.96
Science Laboratory and Teaching Supplies	426724-9030-000	Condenser module DIC I/0.8 Senarmont	Carl Zeiss	426724-9030-000	Each	$1,344.99	4.0%	$1,291.19
Science Laboratory and Teaching Supplies	426724-9060-000	Condenser module DIC I/0.9 Senarmont	Carl Zeiss	426724-9060-000	Each	$960.86	4.0%	$922.43
Science Laboratory and Teaching Supplies	426702-0000-000	Condenser module DIC II/0.9 with polarizer	Carl Zeiss	426702-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426706-0000-000	Condenser module DIC II/0.8 with polarizer	Carl Zeiss	426706-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426708-0000-000	Condenser module DIC II/1.4 with polarizer	Carl Zeiss	426708-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426715-9030-000	Condenser module DIC II/0.9 with polarizer	Carl Zeiss	426715-9030-000	Each	$1,296.84	4.0%	$1,244.97
Science Laboratory and Teaching Supplies	426724-9010-000	Condenser module DIC II/1.2 Senarmont	Carl Zeiss	426724-9010-000	Each	$1,344.99	4.0%	$1,291.19
Science Laboratory and Teaching Supplies	426724-9040-000	Condenser module DIC II/0.8 Senarmont	Carl Zeiss	426724-9040-000	Each	$1,344.99	4.0%	$1,291.19
Science Laboratory and Teaching Supplies	426724-9070-000	Condenser module DIC II/0,9 Senarmont	Carl Zeiss	426724-9070-000	Each	$1,364.25	4.0%	$1,309.68
Science Laboratory and Teaching Supplies	426703-0000-000	Condenser module DIC III/0.9 with polarizer	Carl Zeiss	426703-0000-000	Each	$2,129.30	4.0%	$2,044.13
Science Laboratory and Teaching Supplies	426709-0000-000	Condenser module DIC III/1.4 with polarizer	Carl Zeiss	426709-0000-000	Each	$2,129.30	4.0%	$2,044.13

Science Laboratory and Teaching Supplies	426715-9040-000	Condenser module DIC III/0.9 with polarizer	Carl Zeiss	426715-9040-000	Each	$1,296.84	4.0%	$1,244.97
Science Laboratory and Teaching Supplies	426724-9020-000	Condenser module DIC III/1.2 Senarmont	Carl Zeiss	426724-9020-000	Each	$1,344.99	4.0%	$1,291.19
Science Laboratory and Teaching Supplies	426724-9050-000	Condenser module DIC III/0.8 Senarmont	Carl Zeiss	426724-9050-000	Each	$1,938.84	4.0%	$1,861.29
Science Laboratory and Teaching Supplies	426724-9080-000	Condenser module DIC III/0.9 Senarmont	Carl Zeiss	426724-9080-000	Each	$1,364.25	4.0%	$1,309.68
Science Laboratory and Teaching Supplies	426724-9120-000	Condenser module DIC III/0.8 LD Senarmont	Carl Zeiss	426724-9120-000	Each	$885.96	4.0%	$850.52
Science Laboratory and Teaching Supplies	445323-0000-000	Condenser holder Z for dark-field condenser	Carl Zeiss	445323-0000-000	Each	$398.04	4.0%	$382.12
Science Laboratory and Teaching Supplies	415510-1700-000	LD condenser 0.4 (WD=55mm) for objective magnifications 4x...40x	Carl Zeiss	415510-1700-000	Each	$471.87	4.0%	$453.00
Science Laboratory and Teaching Supplies	415510-1701-000	LD condenser 0.3 (WD=72mm) for objective magnifications 4x...40x	Carl Zeiss	415510-1701-000	Each	$216.14	4.0%	$207.49
Science Laboratory and Teaching Supplies	424228-9000-000	LD condenser 0.3 for slider - for H, Ph, PlasDIC - rotatable, with click stops 0°, 90°, 180°, 270° - for objectives 2.5x - 40x (1.25x with diffusion disk 1.25x) - 10x46 mm slider mount - 72 mm working distance - aperture stop	Carl Zeiss	424228-9000-000	Each	$471.87	4.0%	$453.00
Science Laboratory and Teaching Supplies	424228-9010-000	LD condenser 0.4 for H Ph PlasDIC DIC iHMC - 5-position modulator disk, freely configurable - centerable positions, position 1 with aperture stop - for objectives 5x - 63x (2.5x with diffusion disk 2.5x) - 10x46 mm slider mount - 53 mm working distance	Carl Zeiss	424228-9010-000	Each	$1,612.49	4.0%	$1,547.99
Science Laboratory and Teaching Supplies	424228-9020-000	LD condenser 0.4 for slider - for H, Ph, PlasDIC - rotatable, with click stops 0°, 90°, 180°, 270° - for objectives 5x - 63x (2.5x with diffusion disk 2.5x) - 10x46 mm slider mount - 53 mm working distance - aperture stop	Carl Zeiss	424228-9020-000	Each	$713.69	4.0%	$685.14
Science Laboratory and Teaching Supplies	424228-9030-000	LD condenser 0.55 for H Ph PlasDIC DIC - 5-position modulator disk, freely configurable - centerable positions, position 1 with aperture stop - for objectives 5x - 100x - variable working distance from 30 to 38 mm	Carl Zeiss	424228-9030-000	Each	$1,786.90	4.0%	$1,715.42
Science Laboratory and Teaching Supplies	424228-9500-000	Condsor LD 0.3 for slider Module Consisting of: LD condenser 0.3 for slider - for H, Ph, PlasDIC - rotatable, with click stops 0°, 90°, 180°, 270° - for objectives 2.5x - 40x (1.25x with diffusion disk 1.25x) - 10x46 mm slider mount - 72 mm working distance - aperture stop Slider 10x46 mm with fixed phase stop Ph 1/0.3	Carl Zeiss	424228-9500-000	Each	$537.14	4.0%	$515.65
Science Laboratory and Teaching Supplies	424228-9520-000	LD condenser 0.4 for slider Module Consisting of: LD condenser 0.4 for slider - for H, Ph, PlasDIC - rotatable, with click stops 0°, 90°, 180°, 270° - for objectives 5x - 63x (2.5x with diffusion disk 2.5x) - 10x46 mm slider mount - 53 mm working distance -aperture stop Slider 10x46 mm with fixed phase stop Ph 1/0.4	Carl Zeiss	424228-9520-000	Each	$776.82	4.0%	$745.75
Science Laboratory and Teaching Supplies	415510-1805-000	3-position Ph slider for mounting phase stops Ph or neutral-density filter, mounted d=43 mm	Carl Zeiss	415510-1805-000	Each	$200.09	4.0%	$192.09
Science Laboratory and Teaching Supplies	415510-1806-000	2-position Ph slider for mounting phase stops Ph or neutral-density filter, mounted d=43 mm	Carl Zeiss	415510-1806-000	Each	$158.36	4.0%	$152.03
Science Laboratory and Teaching Supplies	426717-9000-000	Slider 10x46 mm Ph/PlasDIC, H, Ph/PlasDIC - 2 positions for Ph- or PlasDIC diaphragms - brightfield position with neutral-density filter 0.06	Carl Zeiss	426717-9000-000	Each	$174.41	4.0%	$167.43
Science Laboratory and Teaching Supplies	426717-9020-000	Slider 10x46 mm with fixed phase stop Ph 1/0.4	Carl Zeiss	426717-9020-000	Each	$63.13	4.0%	$60.60
Science Laboratory and Teaching Supplies	426717-9030-000	Slider 10x46 mm with fixed phase stop Ph 1/0.3	Carl Zeiss	426717-9030-000	Each	$65.27	4.0%	$62.66
Science Laboratory and Teaching Supplies	426980-9050-000	3 position contrast slider 10x29 mm for PlasDIC module and analyzer	Carl Zeiss	426980-9050-000	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	426980-9100-000	3 position contrast slider 10x29mm for PlasDIC module and analyzer - for Axio Observer 3 / 5 - switching positions: DIC/Pol, H/Ph/FL, PlasDIC - slider operatable from both sides	Carl Zeiss	426980-9100-000	Each	$270.71	4.0%	$259.88
Science Laboratory and Teaching Supplies	426980-9550-000	3 position contrast slider 29x10mm Module Consisting of: 3 position contrast slider 10x29 mm for PlasDIC module and analyzer	Carl Zeiss	426980-9550-000	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	415510-1807-000	Phase stop Ph 0/0.3	Carl Zeiss	415510-1807-000	Each	$26.75	4.0%	$25.68
Science Laboratory and Teaching Supplies	415510-1808-000	Phase stop Ph 1/0.3	Carl Zeiss	415510-1808-000	Each	$26.75	4.0%	$25.68
Science Laboratory and Teaching Supplies	415510-1809-000	Phase stop Ph 2/0.3	Carl Zeiss	415510-1809-000	Each	$26.75	4.0%	$25.68
Science Laboratory and Teaching Supplies	415510-1810-000	Phase stop Ph 0/0.4	Carl Zeiss	415510-1810-000	Each	$33.17	4.0%	$31.84
Science Laboratory and Teaching Supplies	415510-1811-000	Phase stop Ph 1/0.4	Carl Zeiss	415510-1811-000	Each	$32.10	4.0%	$30.82
Science Laboratory and Teaching Supplies	415510-1812-000	Phase stop Ph 2/0.4	Carl Zeiss	415510-1812-000	Each	$33.17	4.0%	$31.84
Science Laboratory and Teaching Supplies	426717-9130-000	Phase stop Ph 1/0.3 for slider	Carl Zeiss	426717-9130-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9140-000	Phase stop Ph 2/0.3 for slider	Carl Zeiss	426717-9140-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9150-000	Phase stop Ph 1 0.35/0.4 for condenser	Carl Zeiss	426717-9150-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9160-000	Phase stop Ph 2 0.35/0.4 for condenser	Carl Zeiss	426717-9160-000	Each	$35.31	4.0%	$33.90
Science Laboratory and Teaching Supplies	426717-9170-000	Phase stop Ph 1/0.55 for condenser	Carl Zeiss	426717-9170-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9180-000	Phase stop Ph 2/0.55 for condenser	Carl Zeiss	426717-9180-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9190-000	Phase stop Ph 3/0.55 for condenser	Carl Zeiss	426717-9190-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9200-000	iHMC module 1 0.35/0.4 for condenser (10x iHMC)	Carl Zeiss	426717-9200-000	Each	$621.67	4.0%	$596.80

Science Laboratory and Teaching Supplies	426717-9210-000	iHMC module 2 0.35/0.4 for condenser (20x iHMC)	Carl Zeiss	426717-9210-000	Each	$621.67	4.0%	$596.80
Science Laboratory and Teaching Supplies	426717-9220-000	iHMC module 3 0.35/0.4 for condenser (40x/63x iHMC)	Carl Zeiss	426717-9220-000	Each	$621.67	4.0%	$596.80
Science Laboratory and Teaching Supplies	426717-9350-000	Phase stop Ph 1/0.4 for slider	Carl Zeiss	426717-9350-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9360-000	Phase stop Ph 2/0.4 for slider	Carl Zeiss	426717-9360-000	Each	$34.24	4.0%	$32.87
Science Laboratory and Teaching Supplies	426717-9560-000	Phase stop ph1/ph2/ 0.4 for slider Module Consisting of: Slider 10x46 mm Ph/PlasDIC, H, Ph/PlasDIC - 2 positions for Ph- or PlasDIC diaphragms - brightfield position with neutral-density filter 0.06 Phase stop Ph 1/0.4 for slider Phase stop Ph 2/0.4 for slider	Carl Zeiss	426717-9560-000	Each	$242.89	4.0%	$233.17
Science Laboratory and Teaching Supplies	426717-9230-000	Condenser module DIC I/0.4 with polarizer	Carl Zeiss	426717-9230-000	Each	$1,198.40	4.0%	$1,150.46
Science Laboratory and Teaching Supplies	426717-9250-000	Condenser module DIC I/0.55 with polarizer	Carl Zeiss	426717-9250-000	Each	$1,265.81	4.0%	$1,215.18
Science Laboratory and Teaching Supplies	426717-9280-000	Condenser module DIC I/0.35 with polarizer usable for LD condenser 0.35 H Ph PlasDIC DIC iHMC on the Axio Observer	Carl Zeiss	426717-9280-000	Each	$1,331.08	4.0%	$1,277.84
Science Laboratory and Teaching Supplies	426717-9240-000	Condenser module DIC II/0.4 with polarizer	Carl Zeiss	426717-9240-000	Each	$1,198.40	4.0%	$1,150.46
Science Laboratory and Teaching Supplies	426717-9260-000	Condenser module DIC II/0.55 with polarizer	Carl Zeiss	426717-9260-000	Each	$1,265.81	4.0%	$1,215.18
Science Laboratory and Teaching Supplies	426717-9290-000	Condenser module DIC II/0.35 with polarizer usable with LD condenser 0.35 H Ph PlasDIC DIC iHMC on the Axio Observer	Carl Zeiss	426717-9290-000	Each	$1,331.08	4.0%	$1,277.84
Science Laboratory and Teaching Supplies	426717-9270-000	Condenser module DIC III/0.55 with polarizer	Carl Zeiss	426717-9270-000	Each	$1,265.81	4.0%	$1,215.18
Science Laboratory and Teaching Supplies	424228-9040-000	Diffusion disk 2.5x for condenser 0.4	Carl Zeiss	424228-9040-000	Each	$147.66	4.0%	$141.75
Science Laboratory and Teaching Supplies	424228-9050-000	Diffusion disk 1.25x for condenser 0.3	Carl Zeiss	424228-9050-000	Each	$309.23	4.0%	$296.86
Science Laboratory and Teaching Supplies	424241-0000-000	LD condenser 0.35 H, Ph0, Ph1, Ph2, DIC, DIC; 6 positions with aperture diaphragm, WD=70mm For objective magnifications 2.5x-100x	Carl Zeiss	424241-0000-000	Each	$1,590.02	4.0%	$1,526.42
Science Laboratory and Teaching Supplies	424241-9010-000	LD condenser 0.35 H Ph PlasDIC DIC iHMC - 5-position modulator disk, freely configurable - centerable positions, position 1 with aperture stop - for objectives 2.5x - 100x - 70 mm working distance	Carl Zeiss	424241-9010-000	Each	$1,603.93	4.0%	$1,539.77
Science Laboratory and Teaching Supplies	424242-0000-000	LD condenser 0.55 H, Ph1, Ph2, Ph3, DIC, DIC; 6 positions with aperture diaphragm, WD=26mm For objective magnifications 4.0x-100x	Carl Zeiss	424242-0000-000	Each	$5,431.32	4.0%	$5,214.07
Science Laboratory and Teaching Supplies	424244-0000-000	LD condenser 0.55 H, Ph1, Ph2, Ph3, DIC, DIC; 6 positions, mot. with motorized aperture diaphragm and turret disk, WD=26mm For objective magnifications 4.0x-100x	Carl Zeiss	424244-0000-000	Each	$5,600.38	4.0%	$5,376.36
Science Laboratory and Teaching Supplies	424244-9200-000	Condensor 0.55 motorized for Lattice SIM and ELYRA 7	Carl Zeiss	424244-9200-000	Each	$6,593.34	4.0%	$6,329.61
Science Laboratory and Teaching Supplies	428400-9000-000	LD condenser 0.55 mot.; AI Sample Finder - with motor operated aperture diaphragm and 7 turret disc positions for H, Ph1, Ph2, Ph3, 2x DIC as well as additional position for autofocus and coherence contrast - LED array for contrast enhancement in the overview image - Camera module for overview image - Deflecting mirror for LD condenser 0.55 mot. AI Sample Finder - Calibration plate 160x110 AI Sample Finder - WD=26 mm - for objective magnifications 4,0x-100x	Carl Zeiss	428400-9000-000	Each	$12,606.74	4.0%	$12,102.47
Science Laboratory and Teaching Supplies	428400-9900-000	Upgrade kit AI Sample Finder for Axio Observer for the retrofitting of AI Sample Finder to stands Axio Observer 7 for widefield and confocal systems LSM 900/980 - LD condenser 0.55 mot.; AI Sample Finder with motor operated aperture diaphragm and 7 turret disc positions for H, Ph1, Ph2,Ph3, 2x DIC as well as additional position for autofocus and coherence contrast; LED array for contrast enhancement in the overview image - Camera module for overview image - Deflecting mirror for LD condenser 0.55 mot. AI Sample Finder - Calibration plate 160x110 AI Sample Finder - WD=26 mm - for objective magnifications 4,0x-100x	Carl Zeiss	428400-9900-000	Each	$13,776.25	4.0%	$13,225.20
Science Laboratory and Teaching Supplies	000000-1005-821	DIC prism I/0.35	Carl Zeiss	000000-1005-821	Each	$1,570.76	4.0%	$1,507.93
Science Laboratory and Teaching Supplies	000000-1005-866	DIC prism I/0.55	Carl Zeiss	000000-1005-866	Each	$2,166.75	4.0%	$2,080.08
Science Laboratory and Teaching Supplies	426722-0000-000	Condenser module DIC I/0.55 with polarizer	Carl Zeiss	426722-0000-000	Each	$2,097.20	4.0%	$2,013.31
Science Laboratory and Teaching Supplies	000000-1005-822	DIC prism II/0.35	Carl Zeiss	000000-1005-822	Each	$2,200.99	4.0%	$2,112.95
Science Laboratory and Teaching Supplies	000000-1005-867	DIC prism II/0.55	Carl Zeiss	000000-1005-867	Each	$4,334.57	4.0%	$4,161.19
Science Laboratory and Teaching Supplies	426720-0000-000	Condenser module DIC II/0.55 with polarizer	Carl Zeiss	426720-0000-000	Each	$3,564.17	4.0%	$3,421.60
Science Laboratory and Teaching Supplies	000000-1005-868	DIC prism III/0.55	Carl Zeiss	000000-1005-868	Each	$4,334.57	4.0%	$4,161.19
Science Laboratory and Teaching Supplies	426721-0000-000	Condenser module DIC III/0.55 with polarizer	Carl Zeiss	426721-0000-000	Each	$2,097.20	4.0%	$2,013.31
Science Laboratory and Teaching Supplies	424245-0000-000	Condenser mount for Axio Imager condensers 0.8/1.4	Carl Zeiss	424245-0000-000	Each	$1,072.14	4.0%	$1,029.25
Science Laboratory and Teaching Supplies	428400-9100-000	Deflecting mirror for LD condenser 0.55 mot. AI Sample Finder for torsion-proof mounting in a objective mount of the nosepiece.	Carl Zeiss	428400-9100-000	Each	$507.18	4.0%	$486.89
Science Laboratory and Teaching Supplies	428400-9200-000	Calibration plate 160x110 for AI Sample Finder	Carl Zeiss	428400-9200-000	Each	$337.05	4.0%	$323.57

Science Laboratory and Teaching Supplies	435103-9000-000	Intermediate phototube S, right 50:50/0:100/100:0 provides together with binocular tube S in stereo mode: - stereo observation by 50% of brightness and 50% from right channel to camera simultaneously or - 100% from right channel to camera and 100% from left channel to left eye or - 0% to camera and stereo observation by 100% of brightness	Carl Zeiss	435103-9000-000	Each	$2,762.74	4.0%	$2,652.23
Science Laboratory and Teaching Supplies	455182-0000-000	Holding ring A53 --> d=66 mm attached to Greenough body or front lens <1x, the ring requires 15.5 mm of working distance; on front lens >1x, 0 mm or 15.5 mm of working distance are required, depending on ring orientation	Carl Zeiss	455182-0000-000	Each	$79.18	4.0%	$76.01
Science Laboratory and Teaching Supplies	435063-9010-000	Microscope Body Stemi 305 trino - Greenough system - Camera port with fixed 50vis:50doc split (left channel) and integrated C-Mount 0.5x - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) for stands K EDU/LAB/MAT, stand M LED, controller K LED Additionally included: - Eyepieces 10x/23 Br. foc. - Spiral cable RJ12	Carl Zeiss	435063-9010-000	Each	$1,289.35	4.0%	$1,237.78
Science Laboratory and Teaching Supplies	435063-9020-100	Stemi 305 LAB Microscope Set Microscope Body Stemi 305 - Greenough system - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) for stands K EDU/LAB/MAT, stand M LED, controller K LED - Eyepieces 10x/23 Br. foc. - Spiral cable RJ12 Stand K LAB - Stand base D310xW200xH90 mm - Working surface D195xW160 mm - Interfaces d=84 mm for stages and d=45 mm for TL polarizer - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - Built-in LED transillumination unit with rotatable and slidable mirror for brightfield, darkfield and oblique transillumination - 2x sockets for IVI and illuminator K LED - Separate RL/TL controls for on/off/dimming - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz - Glass plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover Double Spot Illuminator K LED - Gooseneck double spot, 2x 160 mm for variable epi-illumination - 2x thread M24x0.5 for polarizer - Height adjustable - For stands K EDU/LAB/MAT or stand M LED	Carl Zeiss	435063-9020-100	Each	$2,375.40	4.0%	$2,280.38

Science Laboratory and Teaching Supplies	435063-9021-000	Microscope Body Stemi 305 cam W - Greenough system - Integrated HD IP Wi-Fi camera with 4 MP resolution in left stereo channel - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) (controllable via stands K EDU/LAB/MAT, M LED, controller K LED) Additionally included: - Eyepieces 10x/23 Br. foc. - Spiral cable RJ12 Camera specification: - Sensor type: CMOS color - Sensor size: 5.44mm x 3.07mm, equivalent to 1/3" - Resolution: 2560 (H) x 1440 (V) = 4 Megapixel - Pixel size: 2.0 x 2.0 µm - Single image: 2560 x 1440 pixels - IP Livestream: 1280x720 pixels or 1920x1080 pixels - Live frame rates: up to 30 fps - Dynamic range: > 80 dB - Signal-to-noise ratio: > 50 dB - Interface: RJ45 Ethernet socket - Interface: Wi-Fi (IEEE 802.11b/g/n, 2.4GHz, 802.11a/n/ac, 5GHz) - Wi-Fi range: 5-15 m depending on line of sight and other WLAN/Bluetooth devices in the area Operation modes: - Wi-Fi operation modes (via integrated Wi-Fi module): a) "WLAN access point" mode (default) b) "Connect to existing WLAN" mode - Ethernet operation modes (via integrated RJ45 Ethernet interface) a) "Connect to LAN network" mode (default) b) "Direct 1:1 LAN connection" mode	Carl Zeiss	435063-9021-000	Each	$1,918.51	4.0%	$1,841.77
Science Laboratory and Teaching Supplies	435063-9030-100	Stemi 305 MAT Microscope Set Microscope Body Stemi 305 ESD - Greenough system - ESD protection feature: Antistatic surface - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) for stands K EDU/LAB/MAT, stand M LED, controller K LED - Eyepieces 10x/23 Br. foc. - Spiral cable RJ12 Stand K MAT - Stand base D310xW200xH35 mm - Working surface D195xW160 mm - Interface d=84 mm for stages - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - 2x sockets for IVI and illuminator K LED - RL control for on/off/dimming - ESD protection feature: Antistatic surface, grounding socket - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz - B/W plastic plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover Ring Illuminator K LED segmentable - 48 LEDs in 2 rows, tilted - FWD 50...300 mm, mount d=66 mm - Separate controls for segmentation and rotation - 4 modes: Full, half, quarter circle, 2 facing quarter circles - Manual turning in 90° steps or continuous rotation - For stands K EDU/LAB/MAT, stand M LED or controller K LED	Carl Zeiss	435063-9030-100	Each	$2,102.55	4.0%	$2,018.45

Science Laboratory and Teaching Supplies	435063-9040-000	Microscope Body Stemi 305 cam E - Greenough system - Integrated HD IP Ethernet camera with 4 MP resolution in left stereo channel - Manually operable zoom 5:1 (0.8x...4.0x) on both sides - Fixed zoom clickstops 0.8x-1x-2x-3x-4x - Free working distance 110 mm - Viewing angle 45° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=66 mm for illuminators - Thread M52 for front optics or analyzer - Integrated near-vertical LED illumination (IVI) (controllable via stands K EDU/LAB/MAT, M LED, controller K LED) Additionally included: - Eyepieces 10x/23 Br. foc. - Spiral cable RJ12 Camera specification: - Sensor type: CMOS color - Sensor size: 5.44mm x 3.07mm, equivalent to 1/3" - Resolution: 2560 (H) x 1440 (V) = 4 Megapixel - Pixel size: 2.0 x 2.0 µm - Single image: 2560 x 1440 pixels - IP Livestream: 1280x720 pixels or 1920x1080 pixels - Live frame rates: up to 30 fps - Dynamic range: > 80 dB - Signal-to-noise ratio: > 50 dB - Interface: RJ45 Ethernet socket Operation modes: - Ethernet operation modes (via integrated RJ45 Ethernet interface) a) "Connect to existing LAN network" mode (default) b) "Direct 1:1 LAN connection" mode	Carl Zeiss	435063-9040-000	Each	$1,836.12	4.0%	$1,762.68
Science Laboratory and Teaching Supplies	435064-9001-000	Microscope Body Stemi 508 - Apochromatic greenough system - Manually operable zoom 8:1 (0.63x...5.0x) on both sides - Switchable zoom clickstops 0.63x-0.8x-1x-1.25x-1.6x-2x-2.5x-3.2x-4x-5x - Free working distance 92 mm (without dust protection glass) - Viewing angle 35° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=53 mm for illuminators - Thread M49/50 for front optics or analyzer Additionally included: - Eyepieces PL 10x/23 Br. foc. - Dust protection glass M50 with M49x0.75	Carl Zeiss	435064-9001-000	Each	$3,052.71	4.0%	$2,930.60
Science Laboratory and Teaching Supplies	435064-9021-000	Microscope Body Stemi 508 doc - Apochromatic greenough system - Camera port with interface 60N with switchover 100vis/100doc right - Manually operable zoom 8:1 (0.63x...5.0x) on both sides - Switchable zoom clickstops 0.63x-0.8x-1x-1.25x-1.6x-2x-2.5x-3.2x-4x-5x - Free working distance 92 mm (without dust protection glass) - Viewing angle 35° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=53 mm for illuminators - Thread M49/50 for front optics or analyzer Additionally included: - Eyepieces PL 10x/23 Br. foc. - Dust protection glass M50 with M49x0.75 - Camera adapter 60N C-Mount 2/3" 0.5x	Carl Zeiss	435064-9021-000	Each	$3,769.61	4.0%	$3,618.83
Science Laboratory and Teaching Supplies	435064-9031-000	Microscope Body Stemi 508 trino - Apochromatic greenough system - Camera port with interface 60N with fixed split 50vis:50doc right - Manually operable zoom 8:1 (0.63x...5.0x) on both sides - Switchable zoom clickstops 0.63x-0.8x-1x-1.25x-1.6x-2x-2.5x-3.2x-4x-5x - Free working distance 92 mm (without dust protection glass) - Viewing angle 35° with adjustable interocular distance 55...75 mm - Eyepiece mount 30 mm with maximum field number 23 mm - Mount D=76 mm for Stemi mount/Mount S - Interface D=53 mm for illuminators - Thread M49/50 for front optics or analyzer Additionally included: - Eyepieces PL 10x/23 Br. foc. - Dust protection glass M50 with M49x0.75 - Camera adapter 60N C-Mount 0.5x	Carl Zeiss	435064-9031-000	Each	$4,221.15	4.0%	$4,052.30
Science Laboratory and Teaching Supplies	455052-9004-000	Dust Protection Glass M50 with M49x0.75	Carl Zeiss	455052-9004-000	Each	$85.60	4.0%	$82.18
Science Laboratory and Teaching Supplies	435263-9050-000	Front Optics 3 0.5x FWD 185 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435263-9050-000	Each	$368.08	4.0%	$353.36
Science Laboratory and Teaching Supplies	435263-9070-000	Front Optics 3 0.75x FWD 128 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435263-9070-000	Each	$380.92	4.0%	$365.68
Science Laboratory and Teaching Supplies	435263-9150-000	Front Optics 3 1.5x FWD 56 mm '- Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435263-9150-000	Each	$408.74	4.0%	$392.39
Science Laboratory and Teaching Supplies	435263-9200-000	Front Optics 3 2.0x FWD 43 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435263-9200-000	Each	$618.46	4.0%	$593.72
Science Laboratory and Teaching Supplies	435264-9060-000	**Front Optics 5 Apo 0.63x FWD 127 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm**	Carl Zeiss	435264-9060-000	Each	$536.07	4.0%	$514.63

Science Laboratory and Teaching Supplies	435264-9150-000	Front Optics 5 Apo 1.5x FWD 53 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435264-9150-000	Each	$671.96	4.0%	$645.08
Science Laboratory and Teaching Supplies	435264-9200-000	Front Optics 5 Apo 2.0x FWD 35 mm - Thread M49x0.75 for analyzer - Adapter d=58 mm to D=66 mm	Carl Zeiss	435264-9200-000	Each	$808.92	4.0%	$776.56
Science Laboratory and Teaching Supplies	455025-0000-000	Front lens system 0.3x FWD 287mm	Carl Zeiss	455025-0000-000	Each	$456.89	4.0%	$438.61
Science Laboratory and Teaching Supplies	455026-0000-000	Front lens system 0.4x FWD 211mm	Carl Zeiss	455026-0000-000	Each	$392.69	4.0%	$376.98
Science Laboratory and Teaching Supplies	455029-9901-000	Vario front lens system 0.3x-0.5x FWD 233...90mm - D=66 mm front diameter - M62x0.75 inner thread for photo filter	Carl Zeiss	455029-9901-000	Each	$1,181.28	4.0%	$1,134.03
Science Laboratory and Teaching Supplies	435424-9301-000	Stemi Mount Column 32 with Drive - Lifting range +/- 25 mm, load capacity max. 5 kg - 2x M8 thread for adaptation of illuminator carriers - Adjustable ease of motion by twisting the knobs	Carl Zeiss	435424-9301-000	Each	$785.38	4.0%	$753.96
Science Laboratory and Teaching Supplies	000000-1124-555	Reticle mount d=19 mm for DV4/DR	Carl Zeiss	000000-1124-555	Each	$32.10	4.0%	$30.82
Science Laboratory and Teaching Supplies	435062-9000-000	Eyepiece 15x/13 Br. foc. for Stemi DV4 - use of eyepiece eyecup possible - reticle usage not possible	Carl Zeiss	435062-9000-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	435063-9200-000	Dust Protection Glass M52/M49 - For Stemi 305 without Front Optics - For Stemi 305/508 with Front Optics 3/5 - Mounted UV filter M49x0.75 - Adapter M52x1.0-M49x0.75	Carl Zeiss	435063-9200-000	Each	$75.97	4.0%	$72.93
Science Laboratory and Teaching Supplies	435000-0000-000	SteREO Discovery.V8 microscope body Apochromatic stereo telescope system with 76 mm mount diameter, with 8:1 zoom (1.0x ... 8.0x) manually operable on both sides and switchable click stops at 1x-1.25x-1.6x-2x-2.5x-3.2x-4x-5x-6.3x-8x	Carl Zeiss	435000-0000-000	Each	$3,661.54	4.0%	$3,515.08
Science Laboratory and Teaching Supplies	435001-9901-000	Microscope Body SteREO Discovery.V12 - Apochromatic stereo telescope system - Motor zoom 12.5:1 (0.8x...10x) - Double iris diaphragm - 76 mm mount diameter - 1x HIP or EMS 3 required	Carl Zeiss	435001-9901-000	Each	$4,471.53	4.0%	$4,292.67
Science Laboratory and Teaching Supplies	435003-9901-000	Microscope Body SteREO Discovery.V20 - Apochromatic stereo telescope system - Motor zoom 20:1 (0.75x...15x) - Double iris diaphragm - 76 mm mount diameter - 1x HIP or EMS 3 required	Carl Zeiss	435003-9901-000	Each	$6,310.86	4.0%	$6,058.43
Science Laboratory and Teaching Supplies	435080-9031-000	Microscope body Axio Zoom.V16 - apochromatic motor zoom 16:1 (0.7x ... 11.2x), with more than twice the aperture of stereo zoom, - motorized aperture diaphragm with scroll wheel and 3 variable control modes: 1. "Brightness" for maximum of image brightness with 10x eyepieces or maximum of resolution with 16x or 25x eyepieces, 2. "Camera" for constant brightness and resolution along zoom range fitted to high-resolution image sensor, 3. "Eyepiece" for large depth of field in lower zoom range and resolution fitted to 10x eyepieces; - objective support M55x1.5, removeable for nosepiece assembling, - position sensors for objective nosepiece Z, - 76mm support dia. Fitting 435402 carrier S or 435380-9000 nosepiece Z, - additionally required HIP for supply and operation (in Brightness mode only) or EMS 3 + SYCOP 3 for mode control and USB interface	Carl Zeiss	435080-9031-000	Each	$11,307.76	4.0%	$10,855.45
Science Laboratory and Teaching Supplies	435601-0000-000	Human Interface Panel HIP with plug-in power unit CAN RJ45 DC 24V 30W, mains input plug EU, GB, USA/J, AUS	Carl Zeiss	435601-0000-000	Each	$327.42	4.0%	$314.32
Science Laboratory and Teaching Supplies	435604-0000-000	Manual Rotary Control MARC - focusing by coaxial coarse/fine knobs, sensibility corresponds to optical data or 1x objective without data, - button pair for accelerated focusing, - button for reproducing of one focus position or selection of rotation sense; - second button pair for accelerated zooming or changing between given zoom steps which coincident with display exactly (without rounding) and reproduce positions with digital accuracy; - mountable instead of HIP or on 435604-9010 table-top base in interest of left/right hand use and free positioning; - operating with focus motor 2 or 3, - incl. cable CAN RJ45 0.5m	Carl Zeiss	435604-0000-000	Each	$1,374.95	4.0%	$1,319.95
Science Laboratory and Teaching Supplies	435610-9012-000	Controller EMS 3 includes 150 W wide-range power supply, on/off button, on rear side mains switch and interfaces: - 5x CAN-RJ45 for CL 9000 LED CAN, SteREO or Axio Zoom components, - 1x Power/CAN, additionally required: Cable EMS3-motor focus 3(435403-9030-000) or Cable EMS3-motor focus 2 (435610-5003-000), - 1x SYCOP 3, 2x footswitch (focus, zoom), - 2x CAN-HD15 for Axio accessories (motor stage, light sources), - 1x USB-C to workstation, incl. USB-C/USB3.0 cable 2m and country-specificpower cable	Carl Zeiss	435610-9012-000	Each	$2,301.57	4.0%	$2,209.51

Science Laboratory and Teaching Supplies	435611-9010-000	System Control Panel SYCOP 3 5.7" color touch screen with LED back illumination, joystick, 2 scroll wheels and 6 freely configurable keys; incl. 2 m cable to EMS 3	Carl Zeiss	435611-9010-000	Each	$2,088.64	4.0%	$2,005.09
Science Laboratory and Teaching Supplies	435100-0000-000	Binocular ergo phototube S 5-45° for 51-75mm eye distance and with 100/100 switchover of the right channel to interface 60N	Carl Zeiss	435100-0000-000	Each	$4,409.47	4.0%	$4,233.09
Science Laboratory and Teaching Supplies	435103-9011-000	Binocular Ergo Tube S 5-45° - Eye distance 51-75 mm - NBR bellows	Carl Zeiss	435103-9011-000	Each	$3,874.47	4.0%	$3,719.49
Science Laboratory and Teaching Supplies	435103-9050-000	Binocular ergo tube S 1.25x 5-45° for 55-75mm eye distance and with eyepiece tubes which are 94 mm longer than those of ergo tube 435100 or 435103-9010; especially for Discovery.V8/V12 used in flow boxes or for an upright posture of the observer	Carl Zeiss	435103-9050-000	Each	$3,665.82	4.0%	$3,519.19
Science Laboratory and Teaching Supplies	435104-9901-000	Binocular tube S 20° for 51-75mm eye distance	Carl Zeiss	435104-9901-000	Each	$2,566.93	4.0%	$2,464.25
Science Laboratory and Teaching Supplies	435107-0000-000	Binocular phototube S 20° for 51-75mm eye distance and with 100/100 switchover of the right channel to interface 60N	Carl Zeiss	435107-0000-000	Each	$3,221.77	4.0%	$3,092.90
Science Laboratory and Teaching Supplies	435114-0000-000	Binocular tube S 35° for 48-75mm eye distance	Carl Zeiss	435114-0000-000	Each	$1,171.65	4.0%	$1,124.78
Science Laboratory and Teaching Supplies	435180-9001-000	Binocular ergo phototube Z 0-30° mot - motorized switching 100 vis : 100 doc by push button or CAN command; - manually switchable half-stops after Abbe for stereoscopic effect; - low-positioned binocular tube shifted to observer; - optimized for transillumination top 450 mot; - recommended for high configurations incl. Fluar-illuminator Z or epi-illuminator Z or due to high samples; - incl. cable CAN RJ45 0.5m and 1.0m	Carl Zeiss	435180-9001-000	Each	$8,855.32	4.0%	$8,501.11
Science Laboratory and Teaching Supplies	435180-9010-000	Binocular phototube Z 15° manual switching 100 vis : 100 doc	Carl Zeiss	435180-9010-000	Each	$4,387.00	4.0%	$4,211.52
Science Laboratory and Teaching Supplies	435200-0000-000	Objective Plan S 1.0x FWD 81 mm (137 mm parfocal length)	Carl Zeiss	435200-0000-000	Each	$2,090.78	4.0%	$2,007.15
Science Laboratory and Teaching Supplies	435202-9903-000	Objective Plan Apo S 0.63x FWD 80 mm (137 mm parfocal distance)	Carl Zeiss	435202-9903-000	Each	$3,112.63	4.0%	$2,988.12
Science Laboratory and Teaching Supplies	435203-0000-000	Objective Plan Apo S 1.0x FWD 60 mm (137 mm parfocal length)	Carl Zeiss	435203-0000-000	Each	$3,323.42	4.0%	$3,190.48
Science Laboratory and Teaching Supplies	435214-9570-000	Oblique-view module S 0.3x with LED ring light (D) for all-side and centered viewing of i.e. a soldering bump under 27° against the vertical and with 95 mm FWD, in turn-stop position the switching to vertical viewing is possible; dia. 210 x 120 mm oblique-view module incl. objective Achromat S 0.3x, switchable red LED spot for targeting supplied by 2x 1.5V AA battery and switchable LED ring light dia. 210mm accessories: holding ring to Discovery, table-top supply 100...240VAC / 24VDC 60W, and country-specific mains cord	Carl Zeiss	435214-9570-000	Each	$5,924.59	4.0%	$5,687.61
Science Laboratory and Teaching Supplies	435214-9901-000	Objective Achromat S 0.3x FWD 236 mm (266 mm transfer length)	Carl Zeiss	435214-9901-000	Each	$497.55	4.0%	$477.65
Science Laboratory and Teaching Supplies	435215-9901-000	Objective Achromat S 0.5x FWD 134 mm (164 mm transfer length)	Carl Zeiss	435215-9901-000	Each	$497.55	4.0%	$477.65
Science Laboratory and Teaching Supplies	435216-9901-000	Objective Achromat S 0.63x FWD 107 mm (137 mm parfocal length)	Carl Zeiss	435216-9901-000	Each	$393.76	4.0%	$378.01
Science Laboratory and Teaching Supplies	435217-9901-000	Objective Achromat S 1.0x FWD 63 mm (93 mm parfocal length)	Carl Zeiss	435217-9901-000	Each	$423.72	4.0%	$406.77
Science Laboratory and Teaching Supplies	435220-0000-000	Objective Achromat S 1.25x FWD 50mm (93 mm parfocal length)	Carl Zeiss	435220-0000-000	Each	$890.24	4.0%	$854.63
Science Laboratory and Teaching Supplies	435224-0000-000	Objective Plan Apo S 2.3x FWD 10 mm (105 mm transfer length)	Carl Zeiss	435224-0000-000	Each	$6,793.43	4.0%	$6,521.69
Science Laboratory and Teaching Supplies	435226-0000-000	Objective Plan Apo S 1.5x FWD 30 mm (137 mm parfocal length)	Carl Zeiss	435226-0000-000	Each	$4,840.68	4.0%	$4,647.05
Science Laboratory and Teaching Supplies	435228-9901-000	Objective Achromat S 1.5x FWD 28 mm (93 mm parfocal length)	Carl Zeiss	435228-9901-000	Each	$838.88	4.0%	$805.32
Science Laboratory and Teaching Supplies	435250-0000-000	Objective Plan Apo S 3.5x mono FWD 16 mm for vertical 2D imaging on SteREO Discovery, mountable at nosepiece 6x cod by 435306-9000 or at objective slider S/doc by 435304	Carl Zeiss	435250-0000-000	Each	$4,788.25	4.0%	$4,596.72
Science Laboratory and Teaching Supplies	435280-9050-000	Objective PlanApo Z 0.5x/0.125 FWD 114mm with resolution of 50 ... 370 LP/mm or smallest detail 10 ... 1.4 µm; 164mm parfocal length; M62x0.75 thread at front	Carl Zeiss	435280-9050-000	Each	$4,120.57	4.0%	$3,955.75
Science Laboratory and Teaching Supplies	435281-9100-000	Objective PlanNeoFluar Z 1.0x/0.25 FWD 56mm with resolution of 100 ... 740 LP/mm or smallest detail 5.0 ... 0.7 µm; 133mm parfocal length; M62x0.75 thread at front	Carl Zeiss	435281-9100-000	Each	$3,036.66	4.0%	$2,915.19
Science Laboratory and Teaching Supplies	435281-9150-000	Objective Apo Z 1.5x/0.37 FWD 30mm with resolution of 150 ... 1110 LP/mm or smallest detail 3.2 ... 0.4 µm; 133mm parfocal length; FWD 30mm without or 28mm with front ring	Carl Zeiss	435281-9150-000	Each	$6,069.04	4.0%	$5,826.28

Science Laboratory and Teaching Supplies	435281-9230-000	Objective PlanNeoFluar Z 2.3x/0.57 FWD 10.6mm with resolution of 230 ... 1700 LP/mm or smallest detail 2.3 ... 0.3 µm; 105mm transfer length	Carl Zeiss	435281-9230-000	Each	$4,047.81	4.0%	$3,885.90
Science Laboratory and Teaching Supplies	435112-0000-000	Coaxial epi-illumination S mountable at mount S with diam. 76 mm support (435402), recommended for objective Plan Apo S 1,0x (435203), further combinations of objectives S >=1,0x and eyepieces possible	Carl Zeiss	435112-0000-000	Each	$3,945.09	4.0%	$3,787.29
Science Laboratory and Teaching Supplies	435301-0000-000	Objective slider S /doc (D) on SteREO Discovery for vertical imaging through right (axial mode) or left channel with one tandem mono or one stereo objective and for stereo observation with last mentioned one in central position of slider	Carl Zeiss	435301-0000-000	Each	$1,655.29	4.0%	$1,589.08
Science Laboratory and Teaching Supplies	435302-0000-000	Objective nosepiece S/doc, 3fold, 6x cod for stereo and axial mode using 3 objectives on SteREO Discovery, to mount at focus drive with Profile S column as an alternative of 435402 carrier S, d=76 mm or 435116 co-observer equipment	Carl Zeiss	435302-0000-000	Each	$1,656.36	4.0%	$1,590.11
Science Laboratory and Teaching Supplies	435303-9000-000	Objective nosepiece S, coax 3x2 cod for stereo and axial mode with 3 objectives on SteREO Discovery, switchable coaxial epi-illumination incl. light guide 1500, 2x 4.5/1000mm, to mount at focus drive with profile column as an alternative of 435402 carrier S or 435116 co-observer equipment	Carl Zeiss	435303-9000-000	Each	$5,739.48	4.0%	$5,509.90
Science Laboratory and Teaching Supplies	435304-0000-000	Intermediate rings for objective S mono for mounting at objective slider	Carl Zeiss	435304-0000-000	Each	$204.37	4.0%	$196.20
Science Laboratory and Teaching Supplies	435306-9000-000	Rings for nosepiece 6x cod + objective mono M40/M60 ring provides parfocality of Plan Apo S 3.5x mono with Achromat S 1.0x / 1.25x / 1.5x on nosepiece and the d=66x45 mm sleeve supports d=66 mm accessories	Carl Zeiss	435306-9000-000	Each	$237.54	4.0%	$228.04
Science Laboratory and Teaching Supplies	435380-9000-000	Objective nosepiece Z, 2x cod carrier of Axio Zoom.V16 body (containing position sensors for objective nosepiece) and support of 2 objectives and optionally 2 ring illuminators (435506), to mount at focus drive as alternative of carrier S, d=76 mm (435402)	Carl Zeiss	435380-9000-000	Each	$1,366.39	4.0%	$1,311.73
Science Laboratory and Teaching Supplies	455162-0000-000	Objective adapter 1.25x SV6/11-M60 adapts mechanically a Discovery objective (M60 thread) on SV6/11 body and features 1.25x higher magnification and resolution by different system parameters	Carl Zeiss	455162-0000-000	Each	$101.65	4.0%	$97.58
Science Laboratory and Teaching Supplies	435108-9901-000	Intermediate phototube S, left 100/100 compatible with co-observer equipment S	Carl Zeiss	435108-9901-000	Each	$1,868.22	4.0%	$1,793.49
Science Laboratory and Teaching Supplies	435118-0000-000	Intermediate phototube S mot, right 100/100 motorized alternation per CAN command or push button between 100% light for camera or 100% for right eye; power supply by CAN distributor or plug-in supply RJ45-CAN via its 2 sockets; incl. 2 cables 0.5m and 1m	Carl Zeiss	435118-0000-000	Each	$3,886.24	4.0%	$3,730.79
Science Laboratory and Teaching Supplies	435109-9901-000	Intermediate phototube with 2 ports 50:50	Carl Zeiss	435109-9901-000	Each	$2,632.20	4.0%	$2,526.91
Science Laboratory and Teaching Supplies	435180-9020-000	Phototube Z 100:0 for a microscope Axio Zoom.V16 without eyepieces	Carl Zeiss	435180-9020-000	Each	$938.39	4.0%	$900.85
Science Laboratory and Teaching Supplies	435111-0000-000	Drawing intermediate tube S, switchable for stereoscopic viewing on specimen or for binocular 2D viewing of specimen and drawing	Carl Zeiss	435111-0000-000	Each	$4,159.09	4.0%	$3,992.73
Science Laboratory and Teaching Supplies	435102-0000-000	Intermediate tube S, fixed 40 mm to increase the viewing height	Carl Zeiss	435102-0000-000	Each	$429.07	4.0%	$411.91
Science Laboratory and Teaching Supplies	435103-9030-000	Intermediate Y-tube S mot motorized change (at push of its button or via CAN command from nosepiece 435302 or 435303-9000) between stereoscopic viewing (3D) and binocular vertical viewing (2D) through the right channel of Discovery body; powersupply by CAN distributor or power supply plug CAN RJ45, 000000-0514-784; incl. 2 cables 0.5m and 1m	Carl Zeiss	435103-9030-000	Each	$2,805.54	4.0%	$2,693.32
Science Laboratory and Teaching Supplies	435117-0000-000	Intermediate Y-tube S, switchable switching by push rod between stereoscopic viewing (3D) and binocular vertical viewing (2D) through right channel of Discovery body with 435301 objective slider S/doc or 435302 or 435303-9000 nosepiece S/doc	Carl Zeiss	435117-0000-000	Each	$1,412.40	4.0%	$1,355.90
Science Laboratory and Teaching Supplies	435119-9000-000	Intermediate analyzer tube S mot mono motorized change of analyzer in right channel via CAN command or push of its button; suitable on Particle Analyzer for vertical documentation through the right channel of Discovery body with nosepiece S/doc (435302); power supply by CAN distributor; incl. 2 cables 0.5m and 1m	Carl Zeiss	435119-9000-000	Each	$2,879.37	4.0%	$2,764.20
Science Laboratory and Teaching Supplies	435180-9040-000	Spacer tube Z 40mm to increase the viewing height when no illuminator Z is used	Carl Zeiss	435180-9040-000	Each	$541.42	4.0%	$519.76

Science Laboratory and Teaching Supplies	435180-9070-000	Analyzer tube Z mot intermediate tube with motorized analyzer and LED indicator switchable per CAN command or button push; 2 CAN RJ45 sockets and 2 CAN RJ45 cables 0.5m and 1.0 m; for automatic metal identification in particle analysis by Axio Zoom.V16, additional required rotatable ring polarizer at ring illuminator	Carl Zeiss	435180-9070-000	Each	$3,752.49	4.0%	$3,602.39
Science Laboratory and Teaching Supplies	435400-9901-000	Coarse/fine drive with column S 490mm - Lifting range 340 mm, load capacity 10 kg - For stand bases 300/450	Carl Zeiss	435400-9901-000	Each	$2,136.79	4.0%	$2,051.32
Science Laboratory and Teaching Supplies	435402-0000-000	Mount S with diam. 76 mm support	Carl Zeiss	435402-0000-000	Each	$223.63	4.0%	$214.68
Science Laboratory and Teaching Supplies	435405-9000-000	Mount S short with diam. 76mm support	Carl Zeiss	435405-9000-000	Each	$469.73	4.0%	$450.94
Science Laboratory and Teaching Supplies	000000-0514-784	Power supply plug CAN RJ45 DC 24V 30W (D) for power supply of any coupled CAN items S; incl. mains input plug EU, GB, USA/J, AUS in cardboard box	Carl Zeiss	000000-0514-784	Each	$135.89	4.0%	$130.45
Science Laboratory and Teaching Supplies	435103-9040-000	Cover plate S covers the stereo port of intermediate phototube of SteREO Discovery/Lumar configurations without binocular tube	Carl Zeiss	435103-9040-000	Each	$129.47	4.0%	$124.29
Science Laboratory and Teaching Supplies	435298-9901-000	Resolution test slide 3000 glass slide 76x26x2.5 mm with 3 positive and 3 negative bar charts, each one includes 45 bar groups of 10 LP/mm up to 3000 LP/mm	Carl Zeiss	435298-9901-000	Each	$1,728.05	4.0%	$1,658.93
Science Laboratory and Teaching Supplies	435602-0000-000	Foot pedal S for SYCOP for the continuous control of a microscope parameter at option	Carl Zeiss	435602-0000-000	Each	$640.93	4.0%	$615.29
Science Laboratory and Teaching Supplies	435403-9001-000	Motor focus 3 with column S 490mm - Lifting range 340 mm, load capacity 18 kg - For stand bases 300/450	Carl Zeiss	435403-9001-000	Each	$3,374.78	4.0%	$3,239.79
Science Laboratory and Teaching Supplies	435411-0000-000	Double Boom SDA (D) - Dimensions 670x200x170 mm, load capacity max. 8 kg - Double arm 360° rotatable around the vertical column - Boom length (incl. Stemi mount) 360-690 mm - Tilting/swiveling head with column 32/200 integrated Additionally included: - Vertical column SDA 40/610 with screw M16 - Safety-ring for height fixation	Carl Zeiss	435411-0000-000	Each	$3,121.19	4.0%	$2,996.34
Science Laboratory and Teaching Supplies	435412-0000-000	Stand base SDA (D) - Dimensions 350x350x50 mm, weight 30 kg - With rubber feet, 2 recessed grips, central borehole for screwing the vertical column SDA 40/610	Carl Zeiss	435412-0000-000	Each	$706.20	4.0%	$677.95
Science Laboratory and Teaching Supplies	435412-9000-000	Table attachment device SDA - for table plates up to thickness 55 mm - Steel flange Ø 150 mm, thickness 10 mm - Support for vertical column SDA - 3 holes Ø 9 mm along a circle Ø 120 mm - incl. 3x screws M8x80, spring rings, washers, hexagon nuts, tools	Carl Zeiss	435412-9000-000	Each	$909.50	4.0%	$873.12
Science Laboratory and Teaching Supplies	435424-9000-000	Stand K - Stand base D310xW200xH35 mm - Working surface D195xW160 mm - Interface d=84 mm for stages - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - Thread 2x M8 for adaptation of accessories Additionally included: - B/W plastic plate D=84x5 mm - Dust cover	Carl Zeiss	435424-9000-000	Each	$543.56	4.0%	$521.82
Science Laboratory and Teaching Supplies	435424-9100-000	Stand M - Stand base D340xW300xH35 mm - Working surface W255xD215 mm - Interface d=84 mm for stages - Central through-hole 40 mm - Column 360 mm with drive, lifting range 190 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - 2x M8 thread for adaptation of accessories Additionally included: - B/W plastic plate D=84x5 mm - Dust cover	Carl Zeiss	435424-9100-000	Each	$1,061.44	4.0%	$1,018.98
Science Laboratory and Teaching Supplies	435424-9221-000	Stand Base B 32 - Massive stand base 200x280 mm, 20 Kg - For column 32/450 mm or 32/650 mm	Carl Zeiss	435424-9221-000	Each	$632.37	4.0%	$607.08
Science Laboratory and Teaching Supplies	435424-9400-000	Stand N with Column 32/450 mm - Stand plate 440x370 mm - B/W plastic plate D=84x4 mm - 2 stage clips, safety-ring	Carl Zeiss	435424-9400-000	Each	$1,125.64	4.0%	$1,080.61
Science Laboratory and Teaching Supplies	435430-9903-000	Stand base 450 WxDxH 449x346x30mm stand base with 3x M8 threaded holes, insert plate 450 and b/w plate D=120mm; compatible with column S 490/800 mm or T column 350mm and with transmitted light unit 450 or 450 mot or VisiLED transmitted light; stage d=84mm needs adapter 84/120 (435430-9010) additionally	Carl Zeiss	435430-9903-000	Each	$1,399.56	4.0%	$1,343.58
Science Laboratory and Teaching Supplies	435433-9002-000	Coarse/Fine Drive, T Column 350 mm - Lifting range 220 mm, load capacity 10 kg - For stand bases 300/450 - Stand base 450 from version -9902, only without nosepiece	Carl Zeiss	435433-9002-000	Each	$1,554.71	4.0%	$1,492.52
Science Laboratory and Teaching Supplies	435433-9401-000	Base 300 for epi-illumination WxDxH 290x353x25mm stand base with 2x M8 threaded holes and b/w plate D=120mm; compatible to T column 350mm and central column S 490mm; VisiLED transmitted light (417095-9400) mountable from below, in addition glass plate D=120mm (435501-0002); stage d=84mm needs adapter 84/120 (435430-9010) additionally	Carl Zeiss	435433-9401-000	Each	$1,014.36	4.0%	$973.79

Science Laboratory and Teaching Supplies	435425-9020-000	Stand K MAT - Stand base D310xW200xH35 mm - Working surface D195xW160 mm - Interface d=84 mm for stages - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - 2x sockets for IVI and illuminator K LED - RL control for on/off/dimming - ESD protection feature: Antistatic surface, grounding socket - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz Additionally included: - B/W plastic plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover	Carl Zeiss	435425-9020-000	Each	$872.05	4.0%	$837.17
Science Laboratory and Teaching Supplies	435425-9100-000	Stand M LED - Stand base D340xW300xH35 mm - Working surface W255xD215 mm - Interfaces d=84 mm for stages and d=45 mm for TL polarizer - Central through-hole 40 mm - Column 360 mm with drive, lifting range 190 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - Transillumination units M LED retrofittable - 2x sockets for IVI and illuminator K LED - Separate RL/TL controls: 2x rotary push knob for on/off/dimming - 3x Memory button to save/recall three mixed light settings: Save: Long press (2 sec), call: Short press Saves: Currently set values (on/off, brightness) of RL/TL illuminators K/M LED Does not save: Mechanical adjustment of lighting and segment setting and rotation of ring illuminator K LED - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz Additionally included: - Glass and B/W plastic plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover	Carl Zeiss	435425-9100-000	Each	$1,560.06	4.0%	$1,497.66
Science Laboratory and Teaching Supplies	435425-9000-000	Stand K EDU - Stand base D310xW200xH35 mm - Working surface D195xW160 mm - Interfaces d=84 mm for stages and d=45 mm for TL polarizer - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - Built-in LED transillumination brightfield/darkfield, switchable - 2x sockets for IVI and illuminator K LED - Separate RL/TL controls for on/off/dimming - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz Additionally included: - Glass plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover	Carl Zeiss	435425-9000-000	Each	$883.82	4.0%	$848.47
Science Laboratory and Teaching Supplies	435425-9010-000	Stand K LAB - Stand base D310xW200xH90 mm - Working surface D195xW160 mm - Interfaces d=84 mm for stages and d=45 mm for TL polarizer - Column 250 mm with drive and handle, lifting range 145 mm - Stemi mount d=76 mm, load capacity 5 Kg, adjustable friction - Built-in LED transillumination unit with rotatable and slidable mirror for brightfield, darkfield and oblique transillumination - 2x sockets for IVI and illuminator K LED - Separate RL/TL controls for on/off/dimming - Integrated power unit 12V DC 24W/100...240V AC/50...60Hz Additionally included: - Glass plate D=84x5 mm - Country-specific power cable EURO C8 - Dust cover	Carl Zeiss	435425-9010-000	Each	$1,290.42	4.0%	$1,238.80
Science Laboratory and Teaching Supplies	000000-1222-243	Wall mount for stand U (D) (Use of U-console requires the traverse U)	Carl Zeiss	000000-1222-243	Each	$311.37	4.0%	$298.92
Science Laboratory and Teaching Supplies	000000-1222-246	Traverse U 35/320 mm (D)	Carl Zeiss	000000-1222-246	Each	$450.47	4.0%	$432.45
Science Laboratory and Teaching Supplies	000000-1222-247	Stemi mount U 0-90° without drive (D)	Carl Zeiss	000000-1222-247	Each	$379.85	4.0%	$364.66
Science Laboratory and Teaching Supplies	435413-9000-000	Floor Stand S - Portable and stable floor stand with four freely movable and lockable wheels - Tilting head B 32/115 mm - Console for cold light sources 1500/4500/6000/9000 - Radius of Traverse with articulated suspension arm: 500+600 mm - Height adjustment: +/- 300 mm - Payload: 2.5...7 kg - Total height (with foot base): 1730 mm - Foot base dimensions: 650 x 625 mm - Weight (w/o microscope): approx. 82 kg	Carl Zeiss	435413-9000-000	Each	$7,468.60	4.0%	$7,169.86
Science Laboratory and Teaching Supplies	435414-9000-000	Stand U with Articulated Suspension Arm (D) - Table attachment device U 210 mm - Table clamp U (5...75 mm table thickness) - Articulated suspension arm U 580 mm with rotary knob for height locking (lifting range 500 mm, carrying capacity 2…4.8 Kg) - Adapter for tilting head B 32/115 mm - Console U for cold-light sources 1500/2500/4500/6000/9000	Carl Zeiss	435414-9000-000	Each	$2,297.29	4.0%	$2,205.40

Science Laboratory and Teaching Supplies	435413-8202-000	Tilting head 32/115 for floor stand - Tilting head with column 32/115 for adaptation of a Stemi mount - Coupling to floor stand S and MED stands, with safety cover - Clamping lever for locking the tilt angle - End piece for securing the Stemi mount	Carl Zeiss	435413-8202-000	Each	$1,376.02	4.0%	$1,320.98
Science Laboratory and Teaching Supplies	000000-0628-717	Cable EMS3/CMD - Focus Motor 3, 4 m	Carl Zeiss	000000-0628-717	Each	$380.92	4.0%	$365.68
Science Laboratory and Teaching Supplies	435403-9020-000	Cable EMS2 - focus motor 3	Carl Zeiss	435403-9020-000	Each	$111.28	4.0%	$106.83
Science Laboratory and Teaching Supplies	435403-9030-000	Cable EMS3/CMD - focus motor 3	Carl Zeiss	435403-9030-000	Each	$105.93	4.0%	$101.69
Science Laboratory and Teaching Supplies	435422-9030-000	Accessory for tilting of stand C LED (D) - allows ergonomic viewing angle between 35° and 45° - low viewing height on the Stemi DV4 with C / C LED stand - requires a raised stage, e.g. dental workbench	Carl Zeiss	435422-9030-000	Each	$225.77	4.0%	$216.74
Science Laboratory and Teaching Supplies	435425-9010-010	Hand Rest Stand K LAB - for increased operating ergonomics	Carl Zeiss	435425-9010-010	Each	$159.43	4.0%	$153.05
Science Laboratory and Teaching Supplies	435430-0124-000	B/W plate d=120mm	Carl Zeiss	435430-0124-000	Each	$71.69	4.0%	$68.82
Science Laboratory and Teaching Supplies	435443-0000-000	Articulated arm S M8-M8 (D)	Carl Zeiss	435443-0000-000	Each	$977.98	4.0%	$938.86
Science Laboratory and Teaching Supplies	435610-5003-000	Cable EMS3/CMD - focus motor 2	Carl Zeiss	435610-5003-000	Each	$115.56	4.0%	$110.94
Science Laboratory and Teaching Supplies	455105-8031-000	Safety-ring	Carl Zeiss	455105-8031-000	Each	$120.91	4.0%	$116.07
Science Laboratory and Teaching Supplies	475119-0000-000	Column 32/650	Carl Zeiss	475119-0000-000	Each	$645.21	4.0%	$619.40
Science Laboratory and Teaching Supplies	475120-0000-000	Column 32/450	Carl Zeiss	475120-0000-000	Each	$297.46	4.0%	$285.56
Science Laboratory and Teaching Supplies	417095-9400-000	VisiLED transillumination H, D=84 mm (D) for homogeneous bright field with dia. 50 mm and high illumination intensity	Carl Zeiss	417095-9400-000	Each	$1,124.57	4.0%	$1,079.59
Science Laboratory and Teaching Supplies	417096-9400-000	EasyLED transillumination H, D=84 mm (D) - bright field with D=50 mm - dimmer and on/off switch integrated - plug-in power unit 12V DC incl. mains input plug EU, GB, US/JP, AU	Carl Zeiss	417096-9400-000	Each	$897.73	4.0%	$861.82
Science Laboratory and Teaching Supplies	435501-0000-000	Transmitted-light equipment S ergonomic console with light guide and 2 shiftable and tiltable reflectors for bright field/dark field and for variable oblique light, usable on stand base 450	Carl Zeiss	435501-0000-000	Each	$1,824.35	4.0%	$1,751.38
Science Laboratory and Teaching Supplies	435525-9100-000	Transillumination Unit M LED - Lower part for stand M LED D340xW300xH58 mm - LED transillumination base with rotatable and slidable mirror for brightfield, darkfield and oblique transillumination - Plain mirror side for crisp, diffuse mirror side for homogenuous illumination - Easy to assemble under stand M LED, wireless	Carl Zeiss	435525-9100-000	Each	$788.59	4.0%	$757.05
Science Laboratory and Teaching Supplies	435525-9130-000	Transilluminator Brightfield M LED - Flat LED transillumination for brightfield and all-sided darkfield, switchable - Integrable into stand M LED, without increasing height of the stand - Easy to assemble, wireless	Carl Zeiss	435525-9130-000	Each	$363.80	4.0%	$349.25
Science Laboratory and Teaching Supplies	435533-9500-000	Transillumination base 300 WxDxH 322x373x42mm stand base with 2x M8 threaded holes, 90 white-light LED transmitted light, brightness knob, socket for footswitch S, straightly movable diaphragm and 3 position turret for: 1. Bright Field plus and oblique-light contrast by shiftable diaphragm 2. homogenous bright field with 67mm dia. 3. all-side dark field, also unilateral by movable diaphragm; incl. glass plate D=120mm, DF insert diaphragm 28/84, table-top supply 24V 60W and country-specific mains cord; compatible to T column 350mm and central profile column 490mm; stage d=84mm or d=120mm needs additionally adapter 84+120 (435533-9510) except gliding stage S 110x110	Carl Zeiss	435533-9500-000	Each	$2,270.54	4.0%	$2,179.72
Science Laboratory and Teaching Supplies	417040-9300-000	High Power LED Ring Illuminator, segmentable (HPRL) (D) - 8 High Power LEDs with ring optics, optics mountable for near- or far WD range - Near WD range position: FWD 45-130 mm, Illuminance typ. 220 klx (@ FWD 50 mm) - Far WD range position: FWD 80-300 mm, Illuminance typ. 170 klx (@ FWD 90 mm) - Correlated color temperature ca. 5800 K, lifetime ca. 25.000 h (lumen maintenance 70 %) - Ergonomic operation integrated in housing: no controller box needed - Encoder 1 for setting of segment modes, turning in 45° steps and auto rotation - Encoder 2 for dimming, storage and recall of one illumination setting - Separate On/Off switch - Segment modes: full, half, quarter circle, two opposite quarter circles - Interface to objective: D=66 mm - ESD socket for controlled discharge of electrostatic load - Thread to mount accessories (Polarization Filter Set, Diffusor) - incl. wide-range power supply and 4 adapters EU, US, CH, JP	Carl Zeiss	417040-9300-000	Each	$1,286.14	4.0%	$1,234.69

Science Laboratory and Teaching Supplies	417040-9450-000	LED double spot for column 32 (D) - LED Hi-Power double spot 5500K - goose-neck branches, 2x 570 mm - clamping ring for column 32 - 2-channel control unit - table-top supply unit 100-250V and country-specific mains cord	Carl Zeiss	417040-9450-000	Each	$911.64	4.0%	$875.17
Science Laboratory and Teaching Supplies	417040-9560-000	LED double spot for mount S (D) - LED Hi-Power double spot 5500K - goose-neck branches, 2x 570 mm - angle adapter for mount S (435402) - 2-channel control unit - table-top supply unit 100-250V and country-specific mains cord	Carl Zeiss	417040-9560-000	Each	$767.19	4.0%	$736.50
Science Laboratory and Teaching Supplies	417075-9220-000	Flexible Light Guide 1500, 5/2200 mm - For focussing attachment and build-in epi-illumination - Output sleeve 50 mm (6/20 mm and 10/30 mm)	Carl Zeiss	417075-9220-000	Each	$763.98	4.0%	$733.42
Science Laboratory and Teaching Supplies	417095-9150-000	VisiLED slim ring light S BF, d=66mm (D) incl. 2 focus rings: f50 ring lens with FWD 40-90mm and f25 ring mirror with FWD 20-40mm; 2 pcs. ring illuminator are mountable side by side at objective nosepiece of SteREO Discovery or Axio Zoom	Carl Zeiss	417095-9150-000	Each	$1,287.21	4.0%	$1,235.72
Science Laboratory and Teaching Supplies	417095-9225-000	VisiLED ring light S 80-25 BF, d=66 mm (D) for brightfield, working distance 25...50 mm	Carl Zeiss	417095-9225-000	Each	$1,806.16	4.0%	$1,733.91
Science Laboratory and Teaching Supplies	417095-9255-000	VisiLED ring light S 80-55 BF, d=66 mm (D) for bright field, working distance 45...95 mm	Carl Zeiss	417095-9255-000	Each	$1,765.50	4.0%	$1,694.88
Science Laboratory and Teaching Supplies	417095-9300-000	VisiLED ring light S 40-10 DF (D) for dark field, working distance 5...15 mm	Carl Zeiss	417095-9300-000	Each	$1,302.19	4.0%	$1,250.10
Science Laboratory and Teaching Supplies	417095-9500-000	Set for simultanous fixing (D) for VisiLED BF+DF to objectives S with FWD 40...100 mm	Carl Zeiss	417095-9500-000	Each	$566.03	4.0%	$543.39
Science Laboratory and Teaching Supplies	417096-9700-000	EasyLED Double Spot Plus K/M/32 (D) - Flex-and-stay gooseneck arms, 2x 490 mm - 2x LED High Power Spots, CCT typ. 5600 K - Max. light flux typ. 260 lm (130 lm per spot) - LED Lifetime typ. 50.000h (until intensity drop to 70%) - Interface M22.5x0.5 for EasyLED spot polarizer - Illuminator housing with push button for operation modes and rotary button for continuous intensity adjustment (scale 0ÔÇª5) - Operation Modes: Spot 1 ON / Spot 2 ON / Spot 1+2 ON / Spot 1+2 OFF - Plug-in power supply 5V DC 6VA/100ÔÇª240V AC/50ÔÇª60Hz with cable 1.4 m and 4 plug adapters EU, GB, US/JP, AU Additionally included: - Adapter for stands K/M - Adapter for column 32	Carl Zeiss	417096-9700-000	Each	$933.04	4.0%	$895.72
Science Laboratory and Teaching Supplies	435180-9050-000	Epi-illuminator Z switchable epi-illumination intermediate tube suitable with objective Z 0.5x or 1.0x; incl. light guide 1500 and EpiRel contrast slider for relief images of specimen profiles; specular samples require lambda/4 cap S (435112-9010) additionally	Carl Zeiss	435180-9050-000	Each	$4,043.53	4.0%	$3,881.79
Science Laboratory and Teaching Supplies	435507-0000-000	Diffuser S, telescopic, d=66 mm/M8 incl. light guide 8/1000 mm; 88mm external dia. allows assembling on nosepiece; 45...84 mm length fittable to medium-sized FWD or in case of long FWD mounting by M8-M8 arm nearly to specimen	Carl Zeiss	435507-0000-000	Each	$1,174.86	4.0%	$1,127.87
Science Laboratory and Teaching Supplies	435508-0000-000	Diffuse face light M8 with light guide (D) radiating surface 78x30 mm, outer dimensions 140x58x22 mm, incl. light guide 8/1000 mm and M6/M8 screw adapter	Carl Zeiss	435508-0000-000	Each	$1,144.90	4.0%	$1,099.10
Science Laboratory and Teaching Supplies	435525-9010-000	Spot Illuminator K LED - Single spot for brightfield and darkfield epi-illumination - Thread M24x0.5 for polarizer - Height adjustable, inclinable, zoomable - For stands K EDU/LAB/MAT and stand M LED	Carl Zeiss	435525-9010-000	Each	$169.06	4.0%	$162.30
Science Laboratory and Teaching Supplies	435525-9020-000	Double Spot Illuminator K LED - Gooseneck double spot, 2x 160 mm for variable epi-illumination - 2x thread M24x0.5 for polarizer - Height adjustable - For stands K EDU/LAB/MAT and stand M LED	Carl Zeiss	435525-9020-000	Each	$350.96	4.0%	$336.92
Science Laboratory and Teaching Supplies	435525-9050-000	Ring Illuminator K LED segmentable - 48 LEDs in 2 rows, tilted - FWD 50...300 mm, mount d=66 mm - Separate controls for segmentation and rotation - 4 modes: Full, half, quarter circle, 2 facing quarter circles - Manual turning in 90° steps or continuous rotation - For stands K EDU/LAB/MAT, stand M LED or controller K LED	Carl Zeiss	435525-9050-000	Each	$530.72	4.0%	$509.49
Science Laboratory and Teaching Supplies	435540-9003-000	Focusing attachment d=6 mm without filters	Carl Zeiss	435540-9003-000	Each	$69.55	4.0%	$66.77
Science Laboratory and Teaching Supplies	435115-0000-000	PentaFluar S 120 vertical illuminator (D) with 5 position filter turret and antiglare shield, for SteREO Discovery and HXP 120 or X-Cite 120 S illuminator	Carl Zeiss	435115-0000-000	Each	$8,796.47	4.0%	$8,444.61
Science Laboratory and Teaching Supplies	435115-5038-000	Filter cube 38 GFP BP (D) EX BP 470/40, BS FT 495, EM BP 525/50	Carl Zeiss	435115-5038-000	Each	$3,639.07	4.0%	$3,493.51
Science Laboratory and Teaching Supplies	435115-5043-000	Filter cube 43 Cy3/Rhod/RFP (D) EX BP 545/25, BS FT 565, EM BP 606/70	Carl Zeiss	435115-5043-000	Each	$3,633.72	4.0%	$3,488.37
Science Laboratory and Teaching Supplies	435115-5046-000	Filter cube 46 YFP (D) EX BP 500/20, BS FT 515, EM BP 535/30	Carl Zeiss	435115-5046-000	Each	$5,432.39	4.0%	$5,215.09

Science Laboratory and Teaching Supplies	435115-5050-000	Filter cube 50 Cy5 (D) EX BP 640/30, BS FT 660, EM BP 690/50	Carl Zeiss	435115-5050-000	Each	$5,391.73	4.0%	$5,176.06
Science Laboratory and Teaching Supplies	435115-5057-000	Filter cube 57 GFP LP (D) EX BP 470/40, BS FT 495, EM LP 500	Carl Zeiss	435115-5057-000	Each	$6,146.08	4.0%	$5,900.24
Science Laboratory and Teaching Supplies	435115-5119-000	Filter cube 119 Pacific Blue LP (D) EX BP 405/30, BS FT 440, EM LP 450	Carl Zeiss	435115-5119-000	Each	$4,241.48	4.0%	$4,071.82
Science Laboratory and Teaching Supplies	435115-5120-000	Filter cube 120 UV/DAPI LP (D) EX BP 375/28, BS FT 415, EM LP 435	Carl Zeiss	435115-5120-000	Each	$4,241.48	4.0%	$4,071.82
Science Laboratory and Teaching Supplies	435123-9091-000	Intermediate LED tube S, 09 Epodye Intermediate tube for SteREO Discovery incl. - 2 LED modules 470 nm, - 2 filter sets 09 (EX BP 450-490, BS FT 510, EM LP 515), - FL antiglare screen with support, - 2 CAN RJ45 sockets and BNC entry for TTL trigger, - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS, - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9091-000	Each	$8,843.55	4.0%	$8,489.81
Science Laboratory and Teaching Supplies	435123-9141-000	Intermediate LED tube S, 14 mRFP Intermediate tube for SteREO Discovery incl. - 2 LED modules 530 nm, - 2 filter sets 14 (EX BP 510-560, BS FT 580, EM LP 590), - FL antiglare screen with support, - 2 CAN RJ45 sockets and BNC entry for TTL trigger, - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS, - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9141-000	Each	$8,843.55	4.0%	$8,489.81
Science Laboratory and Teaching Supplies	435123-9381-000	Intermediate LED tube S, 38HE GFP Intermediate tube for SteREO Discovery incl. - 2 LED modules 470 nm, - 2 filter sets 38HE (EX BP 470/40, BS FT 495, EM BP 525/50), - FL antiglare screen with support, - 2 CAN RJ45 sockets and BNC entry for TTL trigger, - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS, - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9381-000	Each	$7,925.49	4.0%	$7,608.47
Science Laboratory and Teaching Supplies	435123-9641-000	Intermediate LED tube S, 64HE mPlum Intermediate tube for SteREO Discovery incl. - 2 LED modules 590 nm, - 2 filter sets 64HE (EX BP 587/25, BS FT 605, EM BP 647/70), - FL antiglare screen with support, - 2 CAN RJ45 sockets and BNC entry for TTL trigger, - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS, - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9641-000	Each	$8,484.03	4.0%	$8,144.67
Science Laboratory and Teaching Supplies	435123-9691-000	Intermediate LED tube S, 69 FITC Intermediate tube for SteREO Discovery incl. - 2 LED modules 470 nm, - 2 filter sets 69 (EX BP 470/35, BS FT 499, EM 560/100), - FL antiglare screen with support, - 2 CAN RJ45 sockets and BNC entry for TTL trigger, - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS, - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9691-000	Each	$8,225.09	4.0%	$7,896.09
Science Laboratory and Teaching Supplies	435123-9961-000	Intermediate LED tube S, 96HE BFP/DAPI Intermediate tube for SteREO Discovery incl. - 2 LED modules 385 nm - 2 filter sets 96HE (EX BP 390/40, BS FT 420, EM BP 450/40) - FL antiglare screen with support - 2 CAN RJ45 sockets and BNC entry for TTL trigger - power supply CAN RJ45 DC 24V 30W, EU, GB, USA/J, AUS - 2 CAN RJ45 cables 0.5m and 1m	Carl Zeiss	435123-9961-000	Each	$11,202.90	4.0%	$10,754.78
Science Laboratory and Teaching Supplies	435180-9061-000	Fluar Illuminator Z mot Fluorescence intermediate tube for Axio Zoom.V16 - Reflector turret 4x mot ACR for reflector modules Z FL P&C, - Slider support for field diaphragm mot/man or ApoTome.2 - Support for light guide with liquid core of 3mm dia. from HXP 120V/200C, - Shutter mot synchronizable with HXP 120V/200C shutter, - Left-side button panel for choice+display of filter set and shutter position, - Anti-glare shield with carrier and receptacle for 6 reflector modules Z FL P&C, - Socket CAN RJ45 and 2 cables CAN RJ45 0.5m and 1.0m, - Plug-in power unit CAN RJ45 DC 24V 30W, mains input plug EU, GB, USA/J, AUS	Carl Zeiss	435180-9061-000	Each	$5,337.16	4.0%	$5,123.67
Science Laboratory and Teaching Supplies	435180-9160-000	Reflector module Z FL ACR P&C to Fluar Illuminator Z mot on Axio Zoom.V16 and SYCOP 3	Carl Zeiss	435180-9160-000	Each	$333.84	4.0%	$320.49
Science Laboratory and Teaching Supplies	435180-9260-000	Reflector module Z FL P&C to Fluar Illuminator Z mot on Axio Zoom.V16	Carl Zeiss	435180-9260-000	Each	$277.13	4.0%	$266.04
Science Laboratory and Teaching Supplies	435180-9360-000	Reflector module Z FL ACR RW P&C to Fluar Illuminator Z mot on Axio Zoom.V16 and SYCOP 3	Carl Zeiss	435180-9360-000	Each	$333.84	4.0%	$320.49
Science Laboratory and Teaching Supplies	435550-0000-000	Lumar filter wheel	Carl Zeiss	435550-0000-000	Each	$207.58	4.0%	$199.28
Science Laboratory and Teaching Supplies	435551-0000-000	Lumar filter support, empty	Carl Zeiss	435551-0000-000	Each	$104.86	4.0%	$100.67
Science Laboratory and Teaching Supplies	435505-9000-000	Vertical illuminator S, d=66mm, adjustable recommended to illuminate sample depressions and to assemble on 0.63x or 1.0x Discovery objective, FWD is reduced by 20mm, additionally flexible light guide 1500, 5/1000mm (417075-9100) is required	Carl Zeiss	435505-9000-000	Each	$477.22	4.0%	$458.13

Science Laboratory and Teaching Supplies	455145-0000-000	Built-in light guide 1500 with focusing attachment (D) - Flexible light guide 6/1000 mm with focusing attachment - Sturdy metal PVC hose - Long sleeve ending for ca. 45 mm adjustment range for positioning the spots in the light guide holder	Carl Zeiss	455145-0000-000	Each	$839.95	4.0%	$806.35
Science Laboratory and Teaching Supplies	455149-0000-000	Adapter for built-in illuminator	Carl Zeiss	455149-0000-000	Each	$64.20	4.0%	$61.63
Science Laboratory and Teaching Supplies	417040-9310-000	Diffusor HPRL (D) - Provides diffuse, soft illumination - To observe glary object parts in natural colors and without hot spot reflexions - Thread to mount at HPRL Ring illuminator	Carl Zeiss	417040-9310-000	Each	$481.50	4.0%	$462.24
Science Laboratory and Teaching Supplies	417084-9010-000	Stand base for KL 200/300 LED (D) incl. mounting bracket and cast iron base	Carl Zeiss	417084-9010-000	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	417095-9000-000	Multiple Controller MC 1500 for VisiLED (D) for 2 VisiLED illuminators, foot switch and RS232 adapter, with 5 segment modes, 4 memory keys, continuous dimming and integrated LED temperature control	Carl Zeiss	417095-9000-000	Each	$1,112.80	4.0%	$1,068.29
Science Laboratory and Teaching Supplies	417095-9020-000	Foot button S (D) - 3 m connection cable, 2.5 mm mono jack - Switches LED light sources between ON/Standby mode - compatible with: Light Sources CL 4500/6000/9000 LED, Controller MC 1500 for VisiLED, Transillumination base 300	Carl Zeiss	417095-9020-000	Each	$47.08	4.0%	$45.20
Science Laboratory and Teaching Supplies	417095-9050-000	Power supply 100...240V, 50...60Hz (D) for VisiLED	Carl Zeiss	417095-9050-000	Each	$177.62	4.0%	$170.52
Science Laboratory and Teaching Supplies	417095-9810-000	Ring mirror f10 for VisiLED Slim (D) FWD 5-20 mm for gray and dark field, suited as incident illumination for objectives 2.3x	Carl Zeiss	417095-9810-000	Each	$347.75	4.0%	$333.84
Science Laboratory and Teaching Supplies	435307-0000-000	Spacing ring M62, d=66x16 mm required with 435506 ring illuminator and PlanApo Z 0.5x or Achromat S 0.3x/0.5x/0.63x/1.0x in -9901 version with M62	Carl Zeiss	435307-0000-000	Each	$87.74	4.0%	$84.23
Science Laboratory and Teaching Supplies	435422-9040-000	Accessory contrast transillumination for stand C LED under sample support D=140 mm a slidable diaphragmn strip creates oblique transillumination in fractions of D=50 mm luminous field	Carl Zeiss	435422-9040-000	Each	$650.56	4.0%	$624.54
Science Laboratory and Teaching Supplies	435440-0000-000	Spacing rod S	Carl Zeiss	435440-0000-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	435441-0000-000	Illuminator carrier S, M8-M8 (D)	Carl Zeiss	435441-0000-000	Each	$182.97	4.0%	$175.65
Science Laboratory and Teaching Supplies	435444-0000-000	Clamping ring 2x M8 to column 32	Carl Zeiss	435444-0000-000	Each	$145.52	4.0%	$139.70
Science Laboratory and Teaching Supplies	435446-9020-000	Steel base M8+M6, 100mm dia. (D)	Carl Zeiss	435446-9020-000	Each	$139.10	4.0%	$133.54
Science Laboratory and Teaching Supplies	435448-0000-000	Spacing ring S, d=66 x 57 mm elongates the diam. 66 mm objective barrel by 57 mm, e.g. for mounting of dark-field ring illuminator on Discovery objective Plan 1x or Plan Apo 0.63x or twice used on Achromat 0.5x	Carl Zeiss	435448-0000-000	Each	$212.93	4.0%	$204.41
Science Laboratory and Teaching Supplies	435449-0000-000	Spacing ring S, d=66 x 40 mm elongates the diam. 66 mm objective barrel by 40 mm, e.g. for mounting of dark-field ring illuminator on Discovery objective Achromat 1x or 1.25x or Plan Apo 1x or twice used on Achromat 0.63x	Carl Zeiss	435449-0000-000	Each	$212.93	4.0%	$204.41
Science Laboratory and Teaching Supplies	435501-0002-000	Glass plate clear D=120 mm	Carl Zeiss	435501-0002-000	Each	$80.25	4.0%	$77.04
Science Laboratory and Teaching Supplies	435460-0000-000	Mechanical stage S 100x100, d=120 mm (D) 3-plates mechanical stage 267x152x100mm with vertical coaxial drive 60mm right, glass plate 116x116mm and support column, therein VisiLED transillumination BF (417095-9400) insertable	Carl Zeiss	435460-0000-000	Each	$2,744.55	4.0%	$2,634.77
Science Laboratory and Teaching Supplies	435461-0000-000	Gliding stage S 110x110, d=120 mm (D) 3-plates stage 267x152x32mm with x-y ball tracks and glass plate 116x116mm; useable with transillumination	Carl Zeiss	435461-0000-000	Each	$1,988.06	4.0%	$1,908.54
Science Laboratory and Teaching Supplies	435465-9000-000	Mechanical stage S 150x100 mot; CAN (D) - 3-plates mechanical stage (495...530)x(280...390)x(28...95)mm for max. load 3kg, - specimen bearing 340x207mm and 237x157mm support for insert plate S, - stepper motors and integrated controller, - variable speed up to 17mm/s, - speed up to 100mm/s in automatic find action, - reproducibility +/- 2µm - absolute accuracy +/- 30µm - interface d=120mm and CAN-HD15, incl. CAN-HD15 cable, - useable with transillumination	Carl Zeiss	435465-9000-000	Each	$10,497.77	4.0%	$10,077.86
Science Laboratory and Teaching Supplies	435465-9010-000	Mechanical stage S 150x100 R (D) 3-plates mechanical stage 322x251x28 mm for max. load 3 kg; with horizontal coaxial drive 115 mm right, interface d=120 mm and 237x157 mm support for insert plate S; useable with transillumination	Carl Zeiss	435465-9010-000	Each	$3,891.59	4.0%	$3,735.93

Science Laboratory and Teaching Supplies	435465-9020-000	Measuring stage S 150x100 mot; CAN (D) - 3-plates mechanical stage (495...530)x(280...390)x(28...95)mm for max. load 3kg, - specimen bearing 340x207mm and 237x157mm support for insert plate S, - stepper motors, encoders and integrated controller, - variable speed up to 17mm/s, - speed up to 100mm/s in automatic find action, - reproducibility +/- 1µm - absolute accuracy +/- 2µm - interface d=120mm, BNC trigger and CAN-HD15, incl. CAN-HD15 cable, - useable with transillumination	Carl Zeiss	435465-9020-000	Each	$13,300.10	4.0%	$12,768.10
Science Laboratory and Teaching Supplies	455120-9901-000	Rotating Pol stage for stereomicroscopes with 2 stage clips, glass plate 72 mm and supports for polarizer 455174 and Lambda plate 455172	Carl Zeiss	455120-9901-000	Each	$938.39	4.0%	$900.85
Science Laboratory and Teaching Supplies	455122-0000-000	Gliding stage +/-20mm, rotatable, d=84mm	Carl Zeiss	455122-0000-000	Each	$977.98	4.0%	$938.86
Science Laboratory and Teaching Supplies	455123-9901-000	Ball-and-Socket Stage +/-30° rotatable - Stage plate D=158 mm with interface d=84 mm - Adherently coated plate D=84 mm - 2 stage clips	Carl Zeiss	455123-9901-000	Each	$820.69	4.0%	$787.86
Science Laboratory and Teaching Supplies	435425-9310-000	Glass Plate D=84x5 mm - For stands K/M	Carl Zeiss	435425-9310-000	Each	$24.61	4.0%	$23.63
Science Laboratory and Teaching Supplies	435425-9321-000	Plastic Plate B/W D=84x5 mm - For stands K/M	Carl Zeiss	435425-9321-000	Each	$23.54	4.0%	$22.60
Science Laboratory and Teaching Supplies	435430-9010-000	Stage adapter 84/120 63mm free dia., 3 captive screws; for mounting of unit d=84mm on interface d=120mm	Carl Zeiss	435430-9010-000	Each	$99.51	4.0%	$95.53
Science Laboratory and Teaching Supplies	435430-9020-000	Stage adapter 84/120, centerable 63mm free dia., 3 captive screws, adjusting disk d=72mm; alternative to 435430-9010 for centering of pol or ball-and-socket stage at interface d=120mm	Carl Zeiss	435430-9020-000	Each	$610.97	4.0%	$586.53
Science Laboratory and Teaching Supplies	435461-9001-000	Mounting frame 116x116 / 84 mm (D)	Carl Zeiss	435461-9001-000	Each	$157.29	4.0%	$151.00
Science Laboratory and Teaching Supplies	435465-9050-000	Adapter frame S 160x116 epi-illumination (D) holding frames and plates 160x116 of Axio Imager are adapted to stages S 150x100, using together with transillumination top 450 mot (435500-9000) is not allowed	Carl Zeiss	435465-9050-000	Each	$625.95	4.0%	$600.91
Science Laboratory and Teaching Supplies	435465-9052-000	Insert plate S, metal 237x157x3mm (D) needed to mechanical stages S 150x100	Carl Zeiss	435465-9052-000	Each	$291.04	4.0%	$279.40
Science Laboratory and Teaching Supplies	435465-9053-000	Insert plate S, glass 237x157x3mm (D) needed to mechanical stages S 150x100	Carl Zeiss	435465-9053-000	Each	$231.12	4.0%	$221.88
Science Laboratory and Teaching Supplies	435498-0000-000	Stage carrier S, 85mm high, d=120mm for Axio Imager stages, VisiLED transillumination BF (417095-9400) insertable	Carl Zeiss	435498-0000-000	Each	$494.34	4.0%	$474.57
Science Laboratory and Teaching Supplies	435533-9510-000	Stage adapter 84+120 for Transillumination base 300 80mm free dia., 4 captive screws; for mounting of unit d=84mm or for screwing-on of stage d=120mm; not needed for gliding stage S 110x110	Carl Zeiss	435533-9510-000	Each	$125.19	4.0%	$120.18
Science Laboratory and Teaching Supplies	435606-9000-000	Mobile coaxial drive XY; CAN (D) for mechanical stages mot; CAN, - hanging coaxial drive XY on stand - adjustable in length and friction - coarse/fine button C/F on both sides - memory buttons M1/M2 on both sides - for key functionality EMS 3 is needed - integr. CAN-HD15 cable to stage mot - CAN-HD15 cable to stage mot	Carl Zeiss	435606-9000-000	Each	$2,377.54	4.0%	$2,282.44
Science Laboratory and Teaching Supplies	455140-0110-000	Stage diaphragm d=84/25 mm	Carl Zeiss	455140-0110-000	Each	$83.46	4.0%	$80.12
Science Laboratory and Teaching Supplies	455140-0111-000	Stage diaphragm d= 84/40 mm	Carl Zeiss	455140-0111-000	Each	$83.46	4.0%	$80.12
Science Laboratory and Teaching Supplies	475265-0001-000	Stage glass plate clear D=84mm	Carl Zeiss	475265-0001-000	Each	$53.50	4.0%	$51.36
Science Laboratory and Teaching Supplies	475288-0000-000	Adherently coated plate, d=84mm	Carl Zeiss	475288-0000-000	Each	$70.62	4.0%	$67.80
Science Laboratory and Teaching Supplies	475290-9901-000	Plastic plate for stage b/w D=84mm	Carl Zeiss	475290-9901-000	Each	$98.44	4.0%	$94.50
Science Laboratory and Teaching Supplies	475291-0000-000	Glass plate matted for stage D=84mm	Carl Zeiss	475291-0000-000	Each	$72.76	4.0%	$69.85
Science Laboratory and Teaching Supplies	435526-9000-000	Analyzer M49/52 rotatable	Carl Zeiss	435526-9000-000	Each	$222.56	4.0%	$213.66
Science Laboratory and Teaching Supplies	435530-0000-000	Analyzer S, rotatable, d=66 mm	Carl Zeiss	435530-0000-000	Each	$575.66	4.0%	$552.63
Science Laboratory and Teaching Supplies	417040-9320-000	Polarization Filter Set HPRL (D) - Extinction of any direct reflexions and glary object parts by crossed polarizers - To observe diffuse reflecting object parts without disturbing glare - Ring-Polarizer, continuously rotatable - Fixed Analyzer with thread to mount at HPRL Ring illuminator	Carl Zeiss	417040-9320-000	Each	$662.33	4.0%	$635.84
Science Laboratory and Teaching Supplies	417075-9009-000	Polarization filter set S, d=66 mm (D) consisting of fixed analyzer and rotary, annular polarizer	Carl Zeiss	417075-9009-000	Each	$622.74	4.0%	$597.83
Science Laboratory and Teaching Supplies	417075-9009-710	Polarization filter set S, d=66mm special (D) consisting of fixed analyzer and rotatable ring polarizer fitting 435506 ring illuminator, only ring polarizer useable together with analyzer tube in particle analysis	Carl Zeiss	417075-9009-710	Each	$647.35	4.0%	$621.46
Science Laboratory and Teaching Supplies	417085-9500-000	Polarizer for VisiLED/EasyLED transillumination H (D)	Carl Zeiss	417085-9500-000	Each	$148.73	4.0%	$142.78
Science Laboratory and Teaching Supplies	417095-9550-000	Polarization filter set VisiLED/EasyLED (D) fits 417095-9255 or 417096-9200/-9300	Carl Zeiss	417095-9550-000	Each	$724.39	4.0%	$695.41
Science Laboratory and Teaching Supplies	417096-9600-000	EasyLED spot polarizer (D)	Carl Zeiss	417096-9600-000	Each	$136.96	4.0%	$131.48
Science Laboratory and Teaching Supplies	435422-9071-000	Polarizer C LED rotatable, epi-illumination	Carl Zeiss	435422-9071-000	Each	$205.44	4.0%	$197.22
Science Laboratory and Teaching Supplies	435526-9010-000	Polarizer Spot K LED	Carl Zeiss	435526-9010-000	Each	$169.06	4.0%	$162.30
Science Laboratory and Teaching Supplies	435526-9020-000	Polarizer Transillumination K/M	Carl Zeiss	435526-9020-000	Each	$252.52	4.0%	$242.42

Science Laboratory and Teaching Supplies	435531-0000-000	Polarizer S, d=84 mm	Carl Zeiss	435531-0000-000	Each	$325.28	4.0%	$312.27
Science Laboratory and Teaching Supplies	455174-0000-000	Polarizer S Polarizer S	Carl Zeiss	455174-0000-000	Each	$445.12	4.0%	$427.32
Science Laboratory and Teaching Supplies	455172-0000-000	Lambda plate in slider Lambda plate in slider	Carl Zeiss	455172-0000-000	Each	$906.29	4.0%	$870.04
Science Laboratory and Teaching Supplies	435112-9010-000	Lambda/4 Cap S, d=66 mm for objectives S or Z, D=66 mm, reduces FWD by 7 mm; required to coaxial epi-illuminator S working in axial mode or to Epi-illuminator Z if specular samples are existing	Carl Zeiss	435112-9010-000	Each	$885.96	4.0%	$850.52
Science Laboratory and Teaching Supplies	457411-9051-000	Extension cable 2 m for illuminators HAL 100/LED	Carl Zeiss	457411-9051-000	Each	$82.39	4.0%	$79.09
Science Laboratory and Teaching Supplies	457411-9070-000	Extension cable 6 m for illuminators HAL 100/LED	Carl Zeiss	457411-9070-000	Each	$159.43	4.0%	$153.05
Science Laboratory and Teaching Supplies	000000-0485-260	Trigger cable for HXP C light source (D) one side D-Sub 9 for connection to HXP C, other side BNC. Incl. BNC coupling for connection to trigger cable set AxioCam, Trigger Board for Fast Acquisition or Colibri.	Carl Zeiss	000000-0485-260	Each	$57.78	4.0%	$55.47
Science Laboratory and Teaching Supplies	423006-9050-000	Trigger cable Viluma 9 with single LED trigger ports To trigger all single LEDs/Filter positions of Viluma 9 and to use it in triggered mode in combination with Signal distribution box (SVB-1). For fast acquisition, system camera also needs to be triggered.	Carl Zeiss	423006-9050-000	Each	$446.19	4.0%	$428.34
Science Laboratory and Teaching Supplies	000000-1695-137	Ludl MAC 6000 Controller Base System (D) Peripheral unit for Ludl Control Modules Consisting of: - System Base with Power supply 230V / 110V, autoswitching - RS-232 host computer interface module incl. serial interface cable (Base unit without stepper motor controller modules)	Carl Zeiss	000000-1695-137	Each	$2,682.49	4.0%	$2,575.19
Science Laboratory and Teaching Supplies	000000-1695-168	Ludl MAC 6000 XY Stage Controller Stepper incl. Joystick (D) Control unit for Maerzhaeuser XY-Stages with stepper motors. The modular system contents of the following components: - System base with power supply 230V / 110V, autoswitching - RS-232 host computer interface module incl. serial interface cable - two stepper motor controller modules for X- and Y-axes - Joystick for two axes - two motor cable for Maerzhaeuser stages with stepper motors - adapter for Maerzhaeuser stages with fixed motor cable	Carl Zeiss	000000-1695-168	Each	$8,680.91	4.0%	$8,333.67
Science Laboratory and Teaching Supplies	000000-1695-170	Ludl MAC 6000 Single Filter Wheel Pack Excitation (D) Single filter wheel add-on for MAC 6000 XY and Base System controllers, incl. shutter and controller/driver module The modular system consists of the following components - DC motor controller/driver for filter wheel and shutter - Single filter wheel (6 position 25 / 32 mm) with fast shutter - Zeiss dovetails for stand and lamphouse - Cable (1.5 m) Filter size: accepts 25 / 32 mm diameter, 7 mm thick Filter wheel speed: max. 50 ms from one to next filter position Shutter speed: 15 ms or less to close or open	Carl Zeiss	000000-1695-170	Each	$5,825.08	4.0%	$5,592.08
Science Laboratory and Teaching Supplies	000000-1695-171	Ludl MAC 6000 Filter Wheel Emission TV 60 C 1.0x (D) Filter wheel add-on for MAC 6000 XY and Base System controllers, incl. controller/driver module The modular system consists of the following components: - DC motor controller/driver for filter wheel - Single filter wheel (6 position 25mm, without shutter) - Interface 60 C-Mount 1.0x (non adjustable) - Cable (1.5 m) Filter size: accepts 25mm diameter, 7mm thick Filter wheel speed: max. 50ms from one to next filter position	Carl Zeiss	000000-1695-171	Each	$5,314.69	4.0%	$5,102.10
Science Laboratory and Teaching Supplies	432339-9010-000	Controller Z PIEZO WSB 500 (D) Control unit for Stage attachment Z PIEZO WSB 500 - CAN interface - alternative connection through USB or RS232 - Trigger IN - Trigger OUT - power supply 100 ... 240V AC/50 ... 60Hz - incl. USB-cable, CAN-cable and plug-in power unit with country specific power cord	Carl Zeiss	432339-9010-000	Each	$11,627.69	4.0%	$11,162.58
Science Laboratory and Teaching Supplies	432610-9023-000	Controller for Axio Examiner - for use with lower microscope part Axio Examiner mot. - for Axio Examiner.A1/D1/Z1 - 100...127 / 200...240 V AC, autorange 50...60Hz / 320 VA - country-specific power cord supplied	Carl Zeiss	432610-9023-000	Each	$8,839.27	4.0%	$8,485.70
Science Laboratory and Teaching Supplies	432901-9904-000	Stage controller XY PIEZO WSB CAN (D) for scanning stages with PIEZO drive Interfaces: CAN, USB, RS232, Trigger IN, Trigger OUT incl. USB cable, CAN cable and stage cable 90 - 240 V / 40 - 60 Hz; 250 VA, country specific power cord	Carl Zeiss	432901-9904-000	Each	$8,151.26	4.0%	$7,825.21

Science Laboratory and Teaching Supplies	432929-9011-000	**Stage Controller XY STEP SMC 2009 Control unit for Maerzhaeuser XY-Stages with stepper motors. - bidirectional communication to microscopes with CAN - position display on microscopes with TFT display and option for objective depended travel speed - 2 CAN interfaces - alternative connection through USB or RS232 - power supply 100...240V AC/50...60Hz - incl. USB-cable, CAN-cable and plug-in power unit with country specific power cord**	Carl Zeiss	432929-9011-000	Each	$5,523.34	4.0%	$5,302.41
Science Laboratory and Teaching Supplies	432929-9020-000	Stage Controller XYZ STEP SMC 2009 Vario Control unit for Maerzhaeuser XY-Stages with stepper motors and stand column mot. STEP for Axio Imager Vario. - bidirectional communication to microscopes with CAN - XY position display on microscopes with TFT display and option for objective depended travel speed - manual control of stand column (no software control) - 2 CAN interfaces - power supply 100...240V AC/50...60Hz - incl. USB-cable, CAN-cable and plug-in power unit with country specific power cord	Carl Zeiss	432929-9020-000	Each	$8,090.27	4.0%	$7,766.66
Science Laboratory and Teaching Supplies	432339-9020-000	Control wheel Z PIEZO WSB 500 (D) with position indicator	Carl Zeiss	432339-9020-000	Each	$2,944.64	4.0%	$2,826.85
Science Laboratory and Teaching Supplies	000000-1695-169	Ludl MAC 6000 Stepper Motor Cable with Right Angled Plug (D)	Carl Zeiss	000000-1695-169	Each	$299.60	4.0%	$287.62
Science Laboratory and Teaching Supplies	000000-1869-588	Ludl MAC 5000 Adapter for Stepper Motor Cable (D) 2x D-Sub 15 male to 1x D-Sub 25 female for scanning stages STEP with fixed motor cable	Carl Zeiss	000000-1869-588	Each	$448.33	4.0%	$430.40
Science Laboratory and Teaching Supplies	000000-1869-589	Ludl MAC 6000 Adapter for Stepper Motor Cable (D) 2x D-Sub 15 male to 1x D-Sub 25 female for scanning stages STEP with fixed motor cable	Carl Zeiss	000000-1869-589	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	000000-2121-749	Extension cable for stage control 1.6 m (D) for usage with joystick, trackball or coaxial drive. Recommended for adaptation of cable length when a docking station is used.	Carl Zeiss	000000-2121-749	Each	$291.04	4.0%	$279.40
Science Laboratory and Teaching Supplies	432929-9030-000	Motor cable XY SMC 2009 D-Sub/2x Maerzhaeuser round plug (D) 2 m length	Carl Zeiss	432929-9030-000	Each	$390.55	4.0%	$374.93
Science Laboratory and Teaching Supplies	457411-9011-000	CAN-bus cable 2.5 m	Carl Zeiss	457411-9011-000	Each	$74.90	4.0%	$71.90
Science Laboratory and Teaching Supplies	430055-9100-000	Interface module MNA basic, Primotech for network communication via Ethernet and Matscope App. Interfaces: - 1 x RJ45 for Tube with integrated camera - 1 x D-Sub for connection to the microscope - 1 x RJ45 Ethernet for network access - 1 x Power supply via Primotech stand	Carl Zeiss	430055-9100-000	Each	$492.20	4.0%	$472.51
Science Laboratory and Teaching Supplies	430055-9110-000	Interface module MNA advanced, Primotech for network communication and saving of microscope configuration and scaling via Ethernet and Matscope App. The Advanced type enables the use of full Matscope functionality including advanced measurement and automatic scaling. Interfaces: - 1 x RJ45 Ethernet for Tube with integrated camera - 1 x D-Sub for connection to the microscope - 1 x RJ45 Ethernet for network access	Carl Zeiss	430055-9110-000	Each	$1,713.07	4.0%	$1,644.55
Science Laboratory and Teaching Supplies	000000-0441-340	CO2-Cover KH for heatable universal mounting frames K-H and K-H-L	Carl Zeiss	000000-0441-340	Each	$744.72	4.0%	$714.93
Science Laboratory and Teaching Supplies	000000-0441-341	CO2-Cover HP for heating insert P	Carl Zeiss	000000-0441-341	Each	$744.72	4.0%	$714.93
Science Laboratory and Teaching Supplies	000000-0441-342	CO2-Cover HM for heating inserts M06, M12, M24 and M96	Carl Zeiss	000000-0441-342	Each	$744.72	4.0%	$714.93
Science Laboratory and Teaching Supplies	000000-1116-075	Objective Heater for water immersion objective dia. 17.0 mm	Carl Zeiss	000000-1116-075	Each	$1,324.66	4.0%	$1,271.67
Science Laboratory and Teaching Supplies	000000-1116-079	POC-R2 cell cultivation system for perfusion, open and closed cultivation	Carl Zeiss	000000-1116-079	Each	$1,491.58	4.0%	$1,431.92
Science Laboratory and Teaching Supplies	000000-1116-080	Perfusion insert, open, with lid for POC-R2 cell cultivation system	Carl Zeiss	000000-1116-080	Each	$430.14	4.0%	$412.93
Science Laboratory and Teaching Supplies	000000-1116-081	Foil cover for POC-R2 cell cultivation system	Carl Zeiss	000000-1116-081	Each	$108.07	4.0%	$103.75
Science Laboratory and Teaching Supplies	000000-1116-082	0ultFoil (25 µm) for POC-R2 cell cultivation system, 20 pieces	Carl Zeiss	000000-1116-082	Each	$66.34	4.0%	$63.69
Science Laboratory and Teaching Supplies	000000-1116-083	Foil cover for Petri dishes "35"	Carl Zeiss	000000-1116-083	Each	$83.46	4.0%	$80.12
Science Laboratory and Teaching Supplies	000000-1116-084	CultFoil (25 µm) for Petri dishes "35" 20 pcs	Carl Zeiss	000000-1116-084	Each	$66.34	4.0%	$63.69
Science Laboratory and Teaching Supplies	000000-1116-085	Foil cover for Petri dishes "60"	Carl Zeiss	000000-1116-085	Each	$83.46	4.0%	$80.12
Science Laboratory and Teaching Supplies	000000-1116-086	CultFoil (25 µm) for Petri dishes "60" 20 pcs	Carl Zeiss	000000-1116-086	Each	$90.95	4.0%	$87.31
Science Laboratory and Teaching Supplies	000000-1156-838	Foil Cover for multitest dishes with mounting block and 20 pc of CultFoil, for multitest dishes M06, M12, M24 and M96	Carl Zeiss	000000-1156-838	Each	$1,418.82	4.0%	$1,362.07
Science Laboratory and Teaching Supplies	000000-1156-839	CultFoil (25 µm) for multitest dishes 20 pcs	Carl Zeiss	000000-1156-839	Each	$291.04	4.0%	$279.40

Science Laboratory and Teaching Supplies	000000-1758-254	Incubator P, compact S1 (D) for Heating insert P S1, compact in combination with scanning stage XY DC 110x90 w. top plate Z Piezo/Rot.En.	Carl Zeiss	000000-1758-254	Each	$6,836.23	4.0%	$6,562.78
Science Laboratory and Teaching Supplies	000000-1792-942	Glass cover for Petri dishes "35"; suitable for DIC (D)	Carl Zeiss	000000-1792-942	Each	$157.29	4.0%	$151.00
Science Laboratory and Teaching Supplies	000000-1847-181	Glass cover for Petri dishes "60"; suitable for DIC (D)	Carl Zeiss	000000-1847-181	Each	$161.57	4.0%	$155.11
Science Laboratory and Teaching Supplies	000000-2180-519	Air duct tube, extension, 1m (D) for all XL S1 and XLmulti S1 incubators	Carl Zeiss	000000-2180-519	Each	$1,182.35	4.0%	$1,135.06
Science Laboratory and Teaching Supplies	411857-9010-000	CO2 Module S1 (D) - Stack module for CO2 control - Power supply and control through TempModule S1 - CO2 concentration stable between 1 and 8% (+/- 0.1% adjustable) - with humidity module 1 (250 ml phial)	Carl Zeiss	411857-9010-000	Each	$7,912.65	4.0%	$7,596.14
Science Laboratory and Teaching Supplies	411857-9020-000	Incubator PM S1 (D)	Carl Zeiss	411857-9020-000	Each	$7,112.29	4.0%	$6,827.80
Science Laboratory and Teaching Supplies	411857-9031-000	Heating Unit XL S2 (D)	Carl Zeiss	411857-9031-000	Each	$4,545.36	4.0%	$4,363.55
Science Laboratory and Teaching Supplies	411857-9040-000	O2 Module S1 (D) - Stack module for O2 control - Power supply and control through TempModule S1 - O2 concentration stable between 1 and 21% (+/- 0,1% adjustable) - with humidity module 2 (500 ml phial)	Carl Zeiss	411857-9040-000	Each	$12,935.23	4.0%	$12,417.82
Science Laboratory and Teaching Supplies	411857-9050-000	Heating Device Humidity S1 (D)	Carl Zeiss	411857-9050-000	Each	$1,466.97	4.0%	$1,408.29
Science Laboratory and Teaching Supplies	411857-9080-000	Control Sensor T S1 (D)	Carl Zeiss	411857-9080-000	Each	$1,514.05	4.0%	$1,453.49
Science Laboratory and Teaching Supplies	411857-9085-000	Control Sensor T 2000, Petri 60, sterilizable (D) for control of the current temperature at the sample in 60 mm Petri dishes during observation. Implemented as glass lid with sensor mounted peripherally. Sterilizable.	Carl Zeiss	411857-9085-000	Each	$1,418.82	4.0%	$1,362.07
Science Laboratory and Teaching Supplies	411857-9110-000	CO2-Cover PM S1 (D)	Carl Zeiss	411857-9110-000	Each	$1,809.37	4.0%	$1,737.00
Science Laboratory and Teaching Supplies	411857-9310-000	Incubator XLmulti S2 DARK Standard (D) for Axio Observer. Multi compatible black incubator base with standard illumination; modular concept for slide-in modules XLmulti S2 DARK right, contains: - slide-in module, left - air guiding tube 1.5 m - internal shelf for samples and medium - holder for humidifier bottle - tray for CO2-Cover - sliding doors for easy access of the incubator's interior When the Axio Observer is equipped with a Viluma 5 or Viluma 7, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	411857-9310-000	Each	$5,742.69	4.0%	$5,512.98
Science Laboratory and Teaching Supplies	411857-9320-000	Incubator XLmulti S2 DARK Premium (D) for Axio Observer. Multi compatible black incubator base with adjustable LED illumination; modular concept for slide-in modules XLmulti S2 DARK right, contains: - slide-in module, left - air guiding tube 1.5m - internal shelf for samples and medium - holder for humidifier bottle - tray for CO2-Cover - sliding doors for easy access of the incubator's interior When the Axio Observer is equipped with a Viluma 5 or Viluma 7, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	411857-9320-000	Each	$6,382.55	4.0%	$6,127.25
Science Laboratory and Teaching Supplies	411857-9400-000	Incubator XLmulti S1 (D) for Axio Observer; multi compatible incubator base for standard applications; modular upgrading concept for slide-in modules When the Axio Observer is equipped with a Viluma 5 or Viluma 7, the Extension tube for illuminator mount, 17 mm is required.	Carl Zeiss	411857-9400-000	Each	$5,743.76	4.0%	$5,514.01
Science Laboratory and Teaching Supplies	411857-9570-000	Slide-in module XLmulti S2 DARK Standard, right (D) Right hand slide-in module for Incubators XLmulti S2 DARK; geometry designed for smaller components at the right hand sideport. Easy access to microscope components (reflector change, DIC adjustment, objective selection)	Carl Zeiss	411857-9570-000	Each	$2,073.66	4.0%	$1,990.71
Science Laboratory and Teaching Supplies	411857-9580-000	Slide-in module XLmulti S2 DARK Camera, right (D) Right hand slide-in module for Incubator XLmulti S2 DARK; geometry designed for bigger components at the right hand sideport (EMCCD cameras, Duolink). Restricted access to microscope components (reflector change, DIC adjustment, objective selection)	Carl Zeiss	411857-9580-000	Each	$2,116.46	4.0%	$2,031.80
Science Laboratory and Teaching Supplies	411857-9600-000	LED in-cabin illuminator for incubator XL S1 DARK (D) with plug-in power unit 90-230V incl. mains input plugs for EU, UK, US/JAP, EN60601	Carl Zeiss	411857-9600-000	Each	$1,173.79	4.0%	$1,126.84
Science Laboratory and Teaching Supplies	411860-9005-000	TempController 2000-2 (D) to control the temperature of up to 2 electrically heated S1 components - Temperature range: room temperature up to 60° C - Display of nominal and actual temperature of two channels - Internal resolution: 0.01° C - Temperature accuracy: +/- 0.1°C - 8 selectable parameter sets for the control - USB port for external temperature control - 90V...260V AC/50...60Hz/max. 200VA - country-specific power cable Dimensions (LxWxH): 280 x 200 x 130 mm	Carl Zeiss	411860-9005-000	Each	$3,404.74	4.0%	$3,268.55

Science Laboratory and Teaching Supplies	411860-9010-000	TempModule S1 (D) - Basic stack module for the temperature control of up to 4 electrically heated S1 components - Power supply for further S1 modules - Eight allocatable parameter sets for control - Resolution: 0.1° C - Temperature accuracy: +/- 0.1°C - Temperature measuring channel for external calibration - CAN and USB connecting cables - 90V...260V AC/50...60Hz/max. 460VA - Country-specific line cable	Carl Zeiss	411860-9010-000	Each	$4,086.33	4.0%	$3,922.88
Science Laboratory and Teaching Supplies	411860-9020-000	Heating Insert P S1 (D)	Carl Zeiss	411860-9020-000	Each	$5,419.55	4.0%	$5,202.77
Science Laboratory and Teaching Supplies	411860-9025-000	Heating insert P Lab-TekTM S1 (D) observation area: 46x21 mm, suitable for Lab-TekTM chambers (Nunc®), chamber slides (Nunc®/Falcon®), object slides (max. 76x25 mm), Petri dishes "60" (d=52-58 mm) and "35" (d=35-38 mm) as well as cell cultivation systems POC-R2 and POCmini-2	Carl Zeiss	411860-9025-000	Each	$6,429.63	4.0%	$6,172.44
Science Laboratory and Teaching Supplies	411860-9062-000	Objective heater 17.5/25 S1 (D) - with oil discharge channel - clamping via front dia. 17.5 mm - max. objective dia. 25 mm - temperature range of room temperature up to +45°C	Carl Zeiss	411860-9062-000	Each	$1,575.04	4.0%	$1,512.04
Science Laboratory and Teaching Supplies	411860-9064-000	Objective heater 22.5/34 S1 (D) - with oil discharge channel - clamping via front dia. 22.5 mm - max. objective dia. 34 mm - temperature range of room temperature up to +45°C	Carl Zeiss	411860-9064-000	Each	$1,672.41	4.0%	$1,605.51
Science Laboratory and Teaching Supplies	411860-9065-000	Objective heater 25.5/33 S1 (D) - with oil discharge channel - clamping via front dia. 25.5 mm - max. objective dia. 33 mm - temperature range of room temperature up to +45°C	Carl Zeiss	411860-9065-000	Each	$1,672.41	4.0%	$1,605.51
Science Laboratory and Teaching Supplies	411860-9066-000	Objective heater 32/34 S1 (D) - with oil discharge channel - clamping via front dia. 32 mm - max. objective dia. 34 mm - temperature range of room temperature up to +45°C	Carl Zeiss	411860-9066-000	Each	$1,672.41	4.0%	$1,605.51
Science Laboratory and Teaching Supplies	411860-9067-000	Objective heater 33/38 S1 (D) - with oil discharge channel - clamping via front dia. 33 mm - max. objective dia. 38 mm - temperature range of room temperature up to +45°C	Carl Zeiss	411860-9067-000	Each	$1,672.41	4.0%	$1,605.51
Science Laboratory and Teaching Supplies	411860-9130-000	Heating Insert M06 S1 (D) - for mechanical and scanning stages - suitable for flat-bottom microtiter plates of established manufacturers with dimensions: 123.0 (+/-5.5) mm x 83.6 (+/-4.6) mm and skirt heights <= 2.85 mm - control range: Ambient temperature up to 30° above ambient observation area per well (dia.): 22.0 mm - dimensions (WxHxD): 160 x 135 x 25 mm - frame size: 160 x 110 mm	Carl Zeiss	411860-9130-000	Each	$4,838.54	4.0%	$4,645.00
Science Laboratory and Teaching Supplies	411860-9140-000	Heating Insert M12 S1 (D) - for mechanical and scanning stages - suitable for flat-bottom microtiter plates of established manufacturers, with dimensions: 123.0 (+/-5.5) mm x 83.6 (+/-4.6) mm and skirt heights <= 2.85 mm - control range: Ambient temperature up to 30° above ambient observation area per well (dia.): 22.0 mm - dimensions (WxHxD): 160 x 135 x 25 mm - frame size: 160 x 110 mm	Carl Zeiss	411860-9140-000	Each	$4,838.54	4.0%	$4,645.00
Science Laboratory and Teaching Supplies	411860-9150-000	Heating Insert M24 S1 (D) - for mechanical and scanning stages - suitable for flat-bottom microtiter plates of established manufacturers with dimensions: 123.0 (+/-5.5) mm x 83.6 (+/-4.6) mm and skirt heights <= 2.85 mm - control range: Ambient temperature up to 30° above ambient observation area per well (dia.): 15.5 mm - dimensions (WxHxD): 160 x 135 x 25 mm - frame size: 160 x 110 mm	Carl Zeiss	411860-9150-000	Each	$4,838.54	4.0%	$4,645.00
Science Laboratory and Teaching Supplies	411860-9160-000	Heating Insert M96 S1 (D) - for mechanical and scanning stages - suitable for flat-bottom microtiter plates of established manufacturers with dimensions: 123.0 (+/-5.5) mm x 83.6 (+/-4.6) mm and skirt heights <= 2.85 mm - control range: Ambient temperature up to 30° above ambient observation area per well (dia.): 6.0 mm - dimensions (WxHxD): 160 x 135 x 25 mm - frame size: 160 x 110 mm	Carl Zeiss	411860-9160-000	Each	$4,838.54	4.0%	$4,645.00
Science Laboratory and Teaching Supplies	411861-9902-000	Heating Insert P S1; compact (D) for Scanning stage XY DC 110x90 with attachment Z PIEZO. Outer dimensions: (W/H/D) 160x110x18 mm	Carl Zeiss	411861-9902-000	Each	$5,368.19	4.0%	$5,153.46
Science Laboratory and Teaching Supplies	411882-9010-000	Temperable Insert P S1 (D)	Carl Zeiss	411882-9010-000	Each	$3,243.17	4.0%	$3,113.44
Science Laboratory and Teaching Supplies	411882-9080-000	Temperable Objective Ring 17.5/25 mm S1 (D) clamping via front dia. 17.5 mm, max. objective dia. 25 mm	Carl Zeiss	411882-9080-000	Each	$1,544.01	4.0%	$1,482.25
Science Laboratory and Teaching Supplies	411882-9081-000	Temperable Objective Ring 22.5/32.5 mm S1 (D) clamping via front dia. 22.5 mm, max. objective dia. 32.5 mm	Carl Zeiss	411882-9081-000	Each	$1,544.01	4.0%	$1,482.25

Science Laboratory and Teaching Supplies	471841-9902-000	Supplementary pre-heating plate - dimensions: 210x160x15 mm - temperature range of 3°C above room temperature up to +60°C	Carl Zeiss	471841-9902-000	Each	$1,609.28	4.0%	$1,544.91
Science Laboratory and Teaching Supplies	000000-1122-427	HD-21 Double Pipette Holder (D)	Carl Zeiss	000000-1122-427	Each	$1,459.48	4.0%	$1,401.10
Science Laboratory and Teaching Supplies	411831-9120-000	Magnetic base TSA-Z (D) consisting of low magnetic base suitable on ferromagnetic plate 450 and of double-railed adapter for mounting of 2 pcs. Narishige manipulators	Carl Zeiss	411831-9120-000	Each	$1,800.81	4.0%	$1,728.78
Science Laboratory and Teaching Supplies	433617-9000-000	Glass Lid CO2/O2 heated, ibidi® (D) To be used with Temperature Controller, ibidi® - Suitable for ibidi® Heated Plate K with 3 inserts and ibidi® Mounting frame K for multiwell plates - Temperature range: ambient to 45°C - Compatible with DIC contrast - 4 openings for perfusion tubing (width 3 mm, height 7 mm) - Opening for humidity sensor (part of ibidi® Gas Mixer System) - Luer Lock Connector for heated gas tubing (ibidi® Gas Mixer System) - The Gasmixer System requires pressured air (1 bar) - Observation area: 142 mm x 70 mm - Outer dimensions: 160 mm x 110 mm x 19 mm (W x D x H) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9000-000	Each	$4,089.54	4.0%	$3,925.96
Science Laboratory and Teaching Supplies	433617-9010-000	Heated plate K with 3 inserts, ibidi® (D) To be used with Temperature Controller, ibidi® - Suitable for mechanical and scanning stages with opening 160 x 110 mm - Including inserts for: - Slides and Chamber Slides (62...78 mm length to 26.5 mm width or 57...70 mm length to 27.5 mm width) - 35 mm Petri dishes (32 - 44 mm diameter, 9 - 14 mm height) - 60 mm Petri dishes (48 - 68 mm diameter, 9 - 14 mm height) - Temperature range: ambient to 45°C - Outer dimensions: 160 mm x 130 mm x 12 mm (W x D x H) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9010-000	Each	$4,070.28	4.0%	$3,907.47
Science Laboratory and Teaching Supplies	433617-9020-000	Temperature Controller, ibidi® (D) - For temperature control of up to 4 electrically heated components: Glass Lid CO2/O2 heated, ibidi® Heated Plate K with 3 inserts, ibidi® Heating Unit XL (PeCon) Objective heater (PeCon) -includes Temperature Adjustment Set: -Type K thermocouple and 3 dishes for temperature adjustment (µ-Dish 35 and 50 mm, µ-Slide 8 well) Connections: - Input channel for thermocouple to control sample temperature - USB and CAN connection Software: - ibidi® IncuControl Resolution. 0.1°C Precision: +/- 0.5°C Temperature Control Range: Channel 1 (Heated Lid): Ambient temperature (min. 18°C) to +46°C Channel 2 (Heated Plate): Ambient temperature (min. 18°C) to +45°C - incl. power supply 100-240V / 50 - 60Hz; Output: max. 2A; 24V DC / max. 6.67A 160W - Dimension: 230 mm x 170 mm x 90 mm (W x D x H) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9020-000	Each	$4,866.36	4.0%	$4,671.71
Science Laboratory and Teaching Supplies	433617-9050-000	Glass Lid CO2/O2 unheated, ibidi® (D) - Suitable for ibidi Heated Plate K with 3 inserts and ibidi Mounting frame K for multiwell plates - Compatible with DIC contrast - 4 openings for perfusion tubing (width 3 mm, height 7 mm) - Opening for humidity sensor (part of ibidi Gas Mixer System) - Luer Lock Connector for heated gas tubing (ibidi Gas Mixer System) - Observation area: 142 mm x 70 mm - Outer dimensions: 160 mm x 110 mm x 19 mm (W x D x H) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9050-000	Each	$1,851.10	4.0%	$1,777.06
Science Laboratory and Teaching Supplies	433617-9060-000	Mounting frame K for multiwell plates, ibidi® (D) - Suitable for mechanical and scanning stages with opening 160 x 110 mm - Compatible with Glass Lid unheated ibidi and Glass Lid heated ibidi - Suitable for multiwell plates size SBS-Standard (max. 128 mm x 86 mm, max. height 30 mm with ibidi Glass Lid) - For multiwell plate incubation inside Incubator XLmulti (PeCon) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9060-000	Each	$1,267.95	4.0%	$1,217.23

Science Laboratory and Teaching Supplies	433617-9070-000	Gas Mixer System CO2/O2, ibidi® (D) For CO2/O2 control and humidification - Includes controller, humidifying column and humidity sensor to be mounted at Glass Lid CO2/O2 heated/unheated - Includes 2x 5m gas tubing (PUN-H) Software: - ibidi® IncuControl - CO2 regulation up to 15% - CO2: resolution 0.1%, precision +/- 0.35% at 5% CO2 - Humidity regulation: 20-99%, resolution 1%, precision +/- 5% . O2 regulation up 1% to 21% - O2: resolution 0.1°C, precision: +/- 0.2°C - no manual calibration required Connections: - Input channel for humidity sensor for feedback regulation - USB- and CAN connection - External power supply 100-240V / 50-60Hz / max. 1.4 A; Output: 24V DC / max. 5A, 120W - Dimensions controller: 170 mm x 230 mm x 90mm (W x D x H) - Dimensions humidifying column: 70 mm x 110 mm x 300 mm (W x D x H) ibidi® is a registered trademark of the ibidi GmbH	Carl Zeiss	433617-9070-000	Each	$18,491.74	4.0%	$17,752.07
Science Laboratory and Teaching Supplies	431030-9100-000	Adapter micromanipulation Narishige for Axio Vert - consisting of left and right adapters - to be mounted at the carrier for transmitted-light illumination - 45° swinging out of sample space - vibration free swinging into working position	Carl Zeiss	431030-9100-000	Each	$1,193.05	4.0%	$1,145.33
Science Laboratory and Teaching Supplies	000000-1116-111	Multichannel peristaltic pump for perfusion with POC-R cell cultivation system	Carl Zeiss	000000-1116-111	Each	$6,598.69	4.0%	$6,334.74
Science Laboratory and Teaching Supplies	411882-9030-000	Refrigerated circulator Corio CP-200F 115V (D) - for sample temperature control from 0°C to 45°C (using coolant) - USB controlled, Temperature setting via keypad on the device - temperature stability +/- 0.03 °C - flow rate 8-27 l/min - with country-specific power cable - dimensions 23 x 39 x 65 cm	Carl Zeiss	411882-9030-000	Each	$11,312.04	4.0%	$10,859.56
Science Laboratory and Teaching Supplies	411882-9040-000	Refrigerated circulator Corio CP-200F 230V (D) - for sample temperature control from 0°C to 45°C (using coolant) - USB controlled, Temperature setting via keypad on the device - Temperature stability +/- 0.03 °C - Flow rate 8-27 l/min - country specific power cable (except GB) - dimensions 23 x 39 x 65 cm	Carl Zeiss	411882-9040-000	Each	$10,957.87	4.0%	$10,519.56
Science Laboratory and Teaching Supplies	411882-9050-000	Refrigerated circulator Corio CP-200F 230V GB (D) - for sample temperature control from 0°C to 45°C (using coolant) - USB controlled, Temperature setting via keypad on the device - Temperature stability +/- 0.03 °C - Flow rate 8-27 l/min - 230V/50-60Hz UK type BS1363A power plug - dimensions 23 x 39 x 65 cm	Carl Zeiss	411882-9050-000	Each	$10,956.80	4.0%	$10,518.53
Science Laboratory and Teaching Supplies	423667-9010-000	Slider assembly Apotome 3 for Axio Observer consisting of: slider with control electronics and transmission grids with 3 frequencies, reflector module calibration Apotome ACR P&C for LED and white light source, mirror and fluorescence test slides, cable CAN-BUS, case.	Carl Zeiss	423667-9010-000	Each	$21,351.85	4.0%	$20,497.78
Science Laboratory and Teaching Supplies	423667-9110-000	Slider assembly Apotome 3 for Axio Imager consisting of: slider with control electronics and transmission grids with 3 frequencies, reflector module calibration Apotome ACR P&C for LED and white light source, mirror and fluorescence test slides, cable CAN-BUS, case.	Carl Zeiss	423667-9110-000	Each	$21,351.85	4.0%	$20,497.78
Science Laboratory and Teaching Supplies	423667-9210-000	Slider assembly Apotome 3 for Axio Zoom.V16 consisting of: slider with control electronics and transmission grids with 3 frequencies, reflector module calibration Apotome ACR P&C for LED and white light source, mirror and fluorescence test slides, cable CAN-BUS, case.	Carl Zeiss	423667-9210-000	Each	$21,351.85	4.0%	$20,497.78
Science Laboratory and Teaching Supplies	000000-0440-713	Tweezers, tapering, curved, 130 mm in length	Carl Zeiss	000000-0440-713	Each	$20.33	4.0%	$19.52
Science Laboratory and Teaching Supplies	000000-1182-440	Mirror test slide	Carl Zeiss	000000-1182-440	Each	$361.66	4.0%	$347.19
Science Laboratory and Teaching Supplies	000000-1213-943	Fluorescence test slide	Carl Zeiss	000000-1213-943	Each	$176.55	4.0%	$169.49
Science Laboratory and Teaching Supplies	000000-2101-187	Sample stage, fixed (D) for Smartproof 5 - Flat area 300 mm x 240 mm incl. threaded holes M4x15 mm - Surface finishing CERASIST	Carl Zeiss	000000-2101-187	Each	$1,876.78	4.0%	$1,801.71
Science Laboratory and Teaching Supplies	411857-9511-000	Slide-in module standard XLmulti / XLmulti RED S1 (D) lateral slide-in module for incubators XLmulti S1 and XLmulti S1 RED LS; for all standard applications at the left sideport. Compatible to Definite Focus.	Carl Zeiss	411857-9511-000	Each	$881.68	4.0%	$846.41
Science Laboratory and Teaching Supplies	432910-1000-000	Safety cover for illumination port	Carl Zeiss	432910-1000-000	Each	$88.81	4.0%	$85.26
Science Laboratory and Teaching Supplies	432927-9120-000	Safety kit for HXP 120 for laser based systems TIRF, Cell Observer SD, LSM 880 and DirectFRAP	Carl Zeiss	432927-9120-000	Each	$199.02	4.0%	$191.06

Science Laboratory and Teaching Supplies	423635-9060-000	Calibration slide for DirectFRAP (D) for alignment of parfocal distance between mask and objective, centering of the mask and choice of the mask type. To image the bleach mask and tocreate bleach samples. Suitable for 405 to 488 nm. The sample consists of an object slide with a sealed cover glass type 1 1/2 H. The fluorecent film includes a cross line as focus aid. Incl. storage box.	Carl Zeiss	423635-9060-000	Each	$157.29	4.0%	$151.00
Science Laboratory and Teaching Supplies	423639-9050-000	Adjustment tool for Vivatome	Carl Zeiss	423639-9050-000	Each	$301.74	4.0%	$289.67
Science Laboratory and Teaching Supplies	423684-9010-000	Adjusting tools TIRF for objectives alpha Plan-Apochromat 63x/1.46 Oil Corr, alpha Plan-Fluar 100x/1,45 Oil, alpha Plan-Apochromat 100x/1,46 Oil DIC and alpha Plan-Apochromat 100x/1,57 HI-Oil DIC Corr including: - adjusting aid for alignment of the divergence of laser beam - adjusting aid for alignment of the TIRF angle - reflector module brightfield ACR P&C for reflected light with two ND filters 1%	Carl Zeiss	423684-9010-000	Each	$1,272.23	4.0%	$1,221.34
Science Laboratory and Teaching Supplies	423685-9001-000	Camera Adapter 60N-C 1" 1.0x; laser safe, switchable with Bertrand optics for TIRF adjustment; incl. safety interlock	Carl Zeiss	423685-9001-000	Each	$1,310.75	4.0%	$1,258.32
Science Laboratory and Teaching Supplies	423685-9010-000	Camera Adapter 60N-C 1" 1.0x, laser safe for use with all free camera ports; incl. safety interlock	Carl Zeiss	423685-9010-000	Each	$1,040.04	4.0%	$998.44
Science Laboratory and Teaching Supplies	433800-0000-000	Specimen kit TIRF (D) consisting of 10 pieces glass bottom dishes 35 and 10 ml suspension of 200 nm beads in water	Carl Zeiss	433800-0000-000	Each	$75.97	4.0%	$72.93
Science Laboratory and Teaching Supplies	415101-2605-106	Safety Kit ApoTome MB IV Essential when adapting an ApoTome inserted in a MicroBeam System in order to interlock the laser function	Carl Zeiss	415101-2605-106	Each	$453.68	4.0%	$435.53
Science Laboratory and Teaching Supplies	415115-9020-000	StarterKit FM (D) for easy and defined sample preparation mainly for force measurement experiments with PALM MicroTweezers Contains: - FluidCell - Cover slips #1, d=35mm (100pcs) - SpacerRing 100 (25pcs) - 4µm multifluorescent beads in 2 concentrations	Carl Zeiss	415115-9020-000	Each	$744.72	4.0%	$714.93
Science Laboratory and Teaching Supplies	415190-1002-000	Cover slip #1, d=35mm; 100pcs (D)	Carl Zeiss	415190-1002-000	Each	$48.15	4.0%	$46.22
Science Laboratory and Teaching Supplies	415190-9020-000	LiquidCover Glass (D) Natural formulation for spraying for enhanced visualization of uncovered tissue sections consisting of: - wide neck bottle (50 ml) containing resin powder - empty spray flask (30ml) - spray nozzle	Carl Zeiss	415190-9020-000	Each	$402.32	4.0%	$386.23
Science Laboratory and Teaching Supplies	415190-9042-000	MembraneSlide 1.0 PEN (D) PEN membrane-covered, ready to use, with white marking area, pack with 50 pcs.	Carl Zeiss	415190-9042-000	Each	$485.78	4.0%	$466.35
Science Laboratory and Teaching Supplies	415190-9081-000	MembraneSlide NF 1.0 PEN (D) Nuclease and human Nucleic acid free, with certification, pack with 50 pcs., single packed	Carl Zeiss	415190-9081-000	Each	$783.24	4.0%	$751.91
Science Laboratory and Teaching Supplies	415190-9142-000	MembraneRing 35 (D) PEN membrane-covered plastic ring for isolation of living cells, for use with 35 mm Lumox Dish, pack with 10 pcs.	Carl Zeiss	415190-9142-000	Each	$291.04	4.0%	$279.40
Science Laboratory and Teaching Supplies	415190-9162-000	AdhesiveStrip 8C opaque PCR Cap Strip, filled with opaque adhesive material for buffer-free sample capture, pack with 20 pcs.	Carl Zeiss	415190-9162-000	Each	$890.24	4.0%	$854.63
Science Laboratory and Teaching Supplies	415190-9181-000	AdhesiveCap 200 opaque (D) PCR Tube, 200µl, cap filled with opaque adhesive material for buffer-free sample capture, pack with 50 pcs.	Carl Zeiss	415190-9181-000	Each	$377.71	4.0%	$362.60
Science Laboratory and Teaching Supplies	415190-9191-000	AdhesiveCap 200 clear (D) PCR Tube, 200µl, cap filled with clear adhesive material for buffer-free sample capture, pack with 50 pcs.	Carl Zeiss	415190-9191-000	Each	$377.71	4.0%	$362.60
Science Laboratory and Teaching Supplies	415190-9201-000	AdhesiveCap 500 opaque (D) PCR Tube, 500µl, cap filled with opaque adhesive material for buffer-free sample capture, pack with 50 pcs.	Carl Zeiss	415190-9201-000	Each	$388.41	4.0%	$372.87
Science Laboratory and Teaching Supplies	415190-9211-000	AdhesiveCap 500 clear (D) PCR Tube, 500µl, cap filled with clear adhesive material for buffer-free sample capture, pack with 50 pcs.	Carl Zeiss	415190-9211-000	Each	$377.71	4.0%	$362.60
Science Laboratory and Teaching Supplies	415190-9221-000	MicroTube 500 (D) PCR Tube, 500µl, sample capture with buffer, recommended for isolation of living cells, pack with 1000 pcs.	Carl Zeiss	415190-9221-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	415190-9231-000	AdhesiveCap Touch 500 opaque (50 pcs.) (D) PCR tube, 500µl, cap filled with opaque adhesive material for (mechanical) pick-up laser microdissection, pack with 50 pcs.	Carl Zeiss	415190-9231-000	Each	$405.53	4.0%	$389.31
Science Laboratory and Teaching Supplies	415190-9251-000	Lumox Dish 35, hydrophilic; 10 pcs. (D) packed sterile, use only in combination with MembraneRing 35, pack with 10 pcs.	Carl Zeiss	415190-9251-000	Each	$194.74	4.0%	$186.95
Science Laboratory and Teaching Supplies	000000-1853-062	UNIBLITZ Shutter Controller VCM-D1 Rev.2 (D) Controller unit for UNIBLITZ Shutter incl. shutter interconnect cable and RS232 interface cable to the computer. Power Supply 115/230 V with country specific plug	Carl Zeiss	000000-1853-062	Each	$1,975.22	4.0%	$1,896.21

Science Laboratory and Teaching Supplies	423627-9901-000	Shutter high speed, external UNIBLITZ shutter with optional control via microscope stand or UNIBLITZ controller Microscope stand control: switching time < 50 ms Frequency max. 5 Hz UNIBLITZ control: switching time < 8 ms Frequency max. 10 Hz (short-time 40 Hz)	Carl Zeiss	423627-9901-000	Each	$2,881.51	4.0%	$2,766.25
Science Laboratory and Teaching Supplies	000000-2468-467	ZEN core TCA remote user-training (O) In this remote training supervisors and operators will get in-depth knowledge about and practice in: - ZEN Core TCA Workflow - ZEN Core TCA - multiple tile regions acquisition incl. focus correction - Particle segmentation and measurement - Size Distribution View with particle gallery and Particle Revision View - Manual Particle Height Measurement - Knowledge and Management of Standards and Acceptance criteria via the Standard Template Editor - Report template editing - Browse results: archived data, data export and Particle Inspection via archive - Introduction to TCA Online Help - Hardware maintenance and operation - ZEN Core basics Furthermore the trainer sets up basic parameters in the ZEN workflow and defines a standard template with region filter (minimum particle size), particle type, size classes, approval criteria (by number of particles or by particle size), occupancy rate and normalization factors (N,A,V) in agreement with the customer. Duration of remote-session: 8h	Carl Zeiss	000000-2468-467	Each	$5,072.87	4.0%	$4,869.96
Science Laboratory and Teaching Supplies	000000-2468-538	ZEN core NMI remote user-training (O) In this remote training supervisors and operators will get in-depth knowledge about and practice in: - ZEN Core NMI workflow - ZEN Core NMI multiple tile regions acquisition incl. focus correction - Segmentation and measurement - Artifact detection - Main deformation axis and specimen orientation - Global Results View with inclusion gallery and Field based View - Results statistics - Report template editing - Browse results: archived data, data export and Inclusion Inspection via archive - Introduction to NMI Online Help - Hardware maintenance and operation - Knowledge of standards and characteristic values - ZEN core basics Furthermore the trainer sets up basic parameters in the ZEN workflow and defines a standard template with inclusion segmentation, artifact detection and severity rating filter per standard in agreement with the customer. Duration of remote-session: 8h	Carl Zeiss	000000-2468-538	Each	$5,072.87	4.0%	$4,869.96
Science Laboratory and Teaching Supplies	434302-0000-000	Protection cap set consisting of eyepiece cover and protection cap for luminous-field diaphragm optics	Carl Zeiss	434302-0000-000	Each	$44.94	4.0%	$43.14
Science Laboratory and Teaching Supplies	434303-0000-000	Dust protection Set M consisting of dust cover (L650xW200xH570 mm), eyepiece cover and protection cap for luminous-field diaphragm optics	Carl Zeiss	434303-0000-000	Each	$58.85	4.0%	$56.50
Science Laboratory and Teaching Supplies	434304-0000-000	Dust protection Set L consisting of dust cover (L670xW460xH775 mm), eyepiece cover and protection cap for luminous-field diaphragm	Carl Zeiss	434304-0000-000	Each	$66.34	4.0%	$63.69
Science Laboratory and Teaching Supplies	434308-9000-000	Dust protection set for Axio Vert - dust cover (L520xW240xH470 mm) - eyepiece cover	Carl Zeiss	434308-9000-000	Each	$43.87	4.0%	$42.12
Science Laboratory and Teaching Supplies	434308-9010-000	Dust protection set for Axiovert - dust cover (L650xW200xH570 mm) - eyepiece cover	Carl Zeiss	434308-9010-000	Each	$49.22	4.0%	$47.25
Science Laboratory and Teaching Supplies	459300-0000-000	Dust cover K L300xW190xH400 mm	Carl Zeiss	459300-0000-000	Each	$25.68	4.0%	$24.65
Science Laboratory and Teaching Supplies	459306-0000-000	Dust cover G L570xW135xH650 mm	Carl Zeiss	459306-0000-000	Each	$23.54	4.0%	$22.60
Science Laboratory and Teaching Supplies	459311-0000-000	Dust cover L650xW200xH570 mm	Carl Zeiss	459311-0000-000	Each	$56.71	4.0%	$54.44
Science Laboratory and Teaching Supplies	459315-0000-000	Dust cover L520xW240xH470 mm	Carl Zeiss	459315-0000-000	Each	$36.38	4.0%	$34.92
Science Laboratory and Teaching Supplies	459325-0000-000	Dust cover K L300xB190xH500 mm	Carl Zeiss	459325-0000-000	Each	$37.45	4.0%	$35.95
Science Laboratory and Teaching Supplies	459330-0000-000	Dust cover L600xW420xH620 mm for Axio Observer / Axiovert 200/200M	Carl Zeiss	459330-0000-000	Each	$36.38	4.0%	$34.92
Science Laboratory and Teaching Supplies	459336-0000-000	Dust cover L770xW550xH550 mm for Axio Imager Vario	Carl Zeiss	459336-0000-000	Each	$67.41	4.0%	$64.71
Science Laboratory and Teaching Supplies	000000-1027-042	Case for Axiostar (for 45° tubes only)	Carl Zeiss	000000-1027-042	Each	$353.10	4.0%	$338.98
Science Laboratory and Teaching Supplies	415500-1805-000	Case for transport and storage for Primo Star Dimension: L 430mm x W 280mm x H 500mm	Carl Zeiss	415500-1805-000	Each	$177.62	4.0%	$170.52
Science Laboratory and Teaching Supplies	415500-1827-000	Case for transport and storage for Primo Star (D) suitable for Primo Star, Primo Star iLED or Primo Star HD - with trolley, 2 wheels, lateral handle and lockable, - dustproof, - outside dimensions of the case: 615 x 540 x 325 mm, - weight 7.5 kg	Carl Zeiss	415500-1827-000	Each	$439.77	4.0%	$422.18
Science Laboratory and Teaching Supplies	415501-1830-000	Transport and storage box for Primostar 3, Primostar 1 and Primo Star Dimension: L 485mm x W 260mm x H 450mm	Carl Zeiss	415501-1830-000	Each	$212.93	4.0%	$204.41

Science Laboratory and Teaching Supplies	415501-1831-000	Case for transport and storage for Primostar 3 (D) - with trolley, 2 wheels, lateral handle and lockable, - dustproof, - outside dimensions of the case: 615 x 540 x 325 mm, - weight 6.25 kg	Carl Zeiss	415501-1831-000	Each	$551.05	4.0%	$529.01
Science Laboratory and Teaching Supplies	434002-9000-000	Case for transport and storage for Primotech - with trolley, 2 wheels, lateral handle and lockable, - dustproof, - outside dimensions of the case: 615 x 540 x 325 mm, - weight 7.5 kg	Carl Zeiss	434002-9000-000	Each	$292.11	4.0%	$280.43
Science Laboratory and Teaching Supplies	435065-9000-000	Transport Case Stemi 305/508 (D) - Trolley Case for transport and storage for Stemi 305/508, stand K, front optics and illuminators K - Lateral handles, lockable and dustproof - Suitable for shipment only with additional packaging - Outer dimensions L615xW540xH325 mm, weight 8 kg	Carl Zeiss	435065-9000-000	Each	$613.11	4.0%	$588.59
Science Laboratory and Teaching Supplies	435065-9010-000	Set-Top Case Stemi 305 (D) Set-Top Case for transport and storage for Stemi 305 trino and Stemi 305 cam, front optics, eyepieces, Axiocam ERs 5s and iPad® - Placeable/fixable on top of transport case Stemi 305/508 - Lateral handles, lockable and dustproof - Suitable for shipment only with additional packaging - Outer dimensions L540xW435xH325 mm, weight 6 kg Apple® iPad Pro® iPhone® are registered trademarks of Apple Inc.	Carl Zeiss	435065-9010-000	Each	$436.56	4.0%	$419.10
Science Laboratory and Teaching Supplies	435065-9020-000	Set-Top Case Stemi 508 (D) - Set-Top Case for transport and storage for Stemi 508, front optics, eyepieces, Axiocam ERs 5s and iPad® - Placeable/fixable on top of transport case Stemi 305/508 - Lateral handles, lockable and dustproof - Suitable for shipment only with additional packaging - Outer dimensions L540xW435xH325 mm, weight 6 kg Apple® iPad Pro® iPhone® are registered trademarks of Apple Inc.	Carl Zeiss	435065-9020-000	Each	$453.68	4.0%	$435.53
Science Laboratory and Teaching Supplies	435065-9030-000	Storage Box K - For Stemi 305/508 in Stand K EDU/LAB/MAT - Plastic housing with aluminium frame and carrying handle on top - Lockable front door with accessory compartments - Outer dimensions H400xW350xD280 mm - Weight 3.5 kg	Carl Zeiss	435065-9030-000	Each	$248.24	4.0%	$238.31
Science Laboratory and Teaching Supplies	435065-9040-000	Transport Case for Stemi 305/508 with Stand M (D) - Trolley Case for transport and storage for Stemi 305/508, stand M/M LED, transillumination units M and illuminators K - Lateral handles, lockable and dustproof - Suitable for shipment only with additional packaging - Outer dimensions L615xW540xH425 mm, weight 9 kg	Carl Zeiss	435065-9040-000	Each	$756.49	4.0%	$726.23
Science Laboratory and Teaching Supplies	434000-9100-000	Carrying case for Visioner 1 Carrying case for Visioner 1 digital microscope (stand M)	Carl Zeiss	434000-9100-000	Each	$1,439.15	4.0%	$1,381.58
Science Laboratory and Teaching Supplies	434000-9901-000	Carrying Case for Smartzoom 5 (G) Carrying case for Smartzoom 5 microscope system	Carl Zeiss	434000-9901-000	Each	$1,440.22	4.0%	$1,382.61
Science Laboratory and Teaching Supplies	000000-1766-630	Storing case for 6 pieces of reflector modules P&C	Carl Zeiss	000000-1766-630	Each	$36.38	4.0%	$34.92
Science Laboratory and Teaching Supplies	430040-7003-401	Manual for Smartzoom 5, English (G)	Carl Zeiss	430040-7003-401	Each	$134.82	4.0%	$129.43
Science Laboratory and Teaching Supplies	490002-0053-000	Dealer Expert Kit stage micrometer, auxiliary microscope; the tool for adjusting phase rings and the objective, the stage micrometer is required as a referencefor measurements using the camera.	Carl Zeiss	490002-0053-000	Each	$1,048.60	4.0%	$1,006.66
Science Laboratory and Teaching Supplies	490705-0001-000	Primostar 1, fix-K, tri, FOV20, 4 pos, ABBE 0.9, 75x40, pointer with Objective Plan-Achromat 100x/ 1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0001-000	Each	$1,978.43	4.0%	$1,899.29
Science Laboratory and Teaching Supplies	490705-0002-000	Primostar 3, fix-K, bi, FOV20, 4 pos, ABBE 0.9, 75x40 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0002-000	Each	$2,068.31	4.0%	$1,985.58
Science Laboratory and Teaching Supplies	490705-0003-000	Primostar 3, fix-K, bi, FOV20, 4 pos, CG=0, ABBE 0.9, 75x40 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0003-000	Each	$2,851.55	4.0%	$2,737.49
Science Laboratory and Teaching Supplies	490705-0004-000	Primostar 3, full-K, tri, FOV22, 5 pos, ABBE 0.9, 75x50 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0004-000	Each	$3,305.23	4.0%	$3,173.02
Science Laboratory and Teaching Supplies	490705-0005-000	Primostar 3, full-K, tri, FOV22, 5pos, 40xPh2, ABBE turret, 75x50 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0005-000	Each	$4,461.90	4.0%	$4,283.42
Science Laboratory and Teaching Supplies	490705-0006-000	Primostar 3, fix-K, bi, cam, FOV20, 4 pos, ABBE 0.9, 75x40 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0006-000	Each	$4,236.13	4.0%	$4,066.68
Science Laboratory and Teaching Supplies	490705-0007-000	Primostar 3, full-K, bi, cam, FOV22, 5 pos, ABBE 0.9, 75x50 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)	Carl Zeiss	490705-0007-000	Each	$5,507.29	4.0%	$5,287.00
Science Laboratory and Teaching Supplies	490705-0008-000	**Primostar 3, full-K, bi, cam, FOV22, 5pos, 40xPh2, ABBE turret, 75x50 with Obj iPlan-Achromat 100x/1.25 Oil (Fast Delivery)**	Carl Zeiss	490705-0008-000	Each	$6,822.32	4.0%	$6,549.43
Science Laboratory and Teaching Supplies	490980-0024-000	Microscope Axiolab 5 for reflected-light bright field	Carl Zeiss	490980-0024-000	Each	$11,153.68	4.0%	$10,707.53

Science Laboratory and Teaching Supplies	490980-0025-000	Microscope Axiolab 5 MAT for reflected-light bright field and polarization "sensitive tint"	Carl Zeiss	490980-0025-000	Each	$14,188.20	4.0%	$13,620.67
Science Laboratory and Teaching Supplies	490980-0026-000	Microscope Axiolab 5 MAT for reflected-light bright field and dark field	Carl Zeiss	490980-0026-000	Each	$13,270.14	4.0%	$12,739.33
Science Laboratory and Teaching Supplies	490980-0027-000	Microscope Axiolab 5 MAT for reflected-light bright field, dark field and polarization "sensitive tint"	Carl Zeiss	490980-0027-000	Each	$16,304.66	4.0%	$15,652.47
Science Laboratory and Teaching Supplies	490980-0028-000	Microscope Axiolab 5 MAT for reflected-light bright field, dark field and C-DIC	Carl Zeiss	490980-0028-000	Each	$18,689.69	4.0%	$17,942.10
Science Laboratory and Teaching Supplies	490980-0022-000	Microscope Axiolab 5 Pol for polarized transmitted light with binocular tube 30°/23, simple optical equipment	Carl Zeiss	490980-0022-000	Each	$13,919.63	4.0%	$13,362.84
Science Laboratory and Teaching Supplies	490980-0023-000	Microscope Axiolab 5 Pol for polarized transmitted light with binocular phototube Pol 20°/23	Carl Zeiss	490980-0023-000	Each	$22,510.66	4.0%	$21,610.23
Science Laboratory and Teaching Supplies	490980-0001-000	Binocular microscope Axiolab 5 for transmitted-light bright field with phototube	Carl Zeiss	490980-0001-000	Each	$9,366.78	4.0%	$8,992.11
Science Laboratory and Teaching Supplies	490980-0002-000	Binocular microscope Axiolab 5 for transmitted-light bright field and phase contrast with phototube	Carl Zeiss	490980-0002-000	Each	$11,078.78	4.0%	$10,635.63
Science Laboratory and Teaching Supplies	490980-0003-000	Binocular microscope Axiolab 5 for LED epi-fluorescence in combination with transmitted-light bright field with phototube	Carl Zeiss	490980-0003-000	Each	$22,851.99	4.0%	$21,937.91
Science Laboratory and Teaching Supplies	490980-0004-000	Binocular microscope Axiolab 5 for Haematology	Carl Zeiss	490980-0004-000	Each	$16,883.53	4.0%	$16,208.19
Science Laboratory and Teaching Supplies	490980-0005-000	Binocular microscope Axiolab 5 for Pathology and Histology	Carl Zeiss	490980-0005-000	Each	$11,568.84	4.0%	$11,106.09
Science Laboratory and Teaching Supplies	490980-0006-000	Binocular microscope Axiolab 5 for Cythology	Carl Zeiss	490980-0006-000	Each	$16,387.05	4.0%	$15,731.57
Science Laboratory and Teaching Supplies	490980-0007-000	Binocular microscope Axiolab 5 for Microbiology	Carl Zeiss	490980-0007-000	Each	$14,974.65	4.0%	$14,375.66
Science Laboratory and Teaching Supplies	490980-0008-000	Binocular microscope Axiolab 5 for Microbiology TL and FL	Carl Zeiss	490980-0008-000	Each	$24,859.31	4.0%	$23,864.94
Science Laboratory and Teaching Supplies	490980-0030-000	Microscope Axiolab 5 (Fast Delivery) for transmitted light applications	Carl Zeiss	490980-0030-000	Each	$8,245.42	4.0%	$7,915.60
Science Laboratory and Teaching Supplies	490980-0031-000	Microscope Axiolab 5 (Fast Delivery) for reflected light applications	Carl Zeiss	490980-0031-000	Each	$15,779.29	4.0%	$15,148.12
Science Laboratory and Teaching Supplies	490980-0032-000	Microscope Axiolab 5 (Fast Delivery) for transmitted light- and fluorescence applications	Carl Zeiss	490980-0032-000	Each	$20,976.28	4.0%	$20,137.23
Science Laboratory and Teaching Supplies	490040-0044-000	Microscope Axioscope 5 LED for transmitted-light bright field with Phototube	Carl Zeiss	490040-0044-000	Each	$21,671.78	4.0%	$20,804.91
Science Laboratory and Teaching Supplies	490040-0001-000	Microscope Axioscope 5 MAT RL BF LED for reflected-light bright field, with phototube	Carl Zeiss	490040-0001-000	Each	$15,889.50	4.0%	$15,253.92
Science Laboratory and Teaching Supplies	490040-0002-000	Microscope Axioscope 5 MAT RL BF/DF LED for reflected-light bright field and dark field, with phototube	Carl Zeiss	490040-0002-000	Each	$18,005.96	4.0%	$17,285.72
Science Laboratory and Teaching Supplies	490040-0003-000	Microscope Axioscope 5 MAT RL BF DIC LED for reflected-light bright field and DIC, with phototube	Carl Zeiss	490040-0003-000	Each	$21,156.04	4.0%	$20,309.80
Science Laboratory and Teaching Supplies	490040-0005-000	Microscope Axioscope 5 MAT RL BF/DF/C-DIC LED for reflected-light bright field, dark field and C-DIC, with phototube	Carl Zeiss	490040-0005-000	Each	$23,773.26	4.0%	$22,822.33
Science Laboratory and Teaching Supplies	490040-0006-000	Microscope Axioscope 5 MAT RL BF/DF, TL LED for reflected-light bright field and dark field and LED for transmitted light and phototube	Carl Zeiss	490040-0006-000	Each	$19,737.22	4.0%	$18,947.73
Science Laboratory and Teaching Supplies	490040-0007-000	Microscope Axioscope 5 MAT RL BF/DF/DIC LED for reflected-light bright field, dark field and DIC, with phototube	Carl Zeiss	490040-0007-000	Each	$23,620.25	4.0%	$22,675.44
Science Laboratory and Teaching Supplies	490040-0010-000	Microscope Axioscope Vario RL BF LED with sliders with luminous-field diaphragm and aperture stop for reflected-light bright field, with phototube	Carl Zeiss	490040-0010-000	Each	$23,794.66	4.0%	$22,842.87
Science Laboratory and Teaching Supplies	490040-0012-000	Microscope Axioscope Vario RL BF/DF LED with sliders with luminous-field diaphragm and aperture stop, for reflected-light bright field and dark field, with phototube	Carl Zeiss	490040-0012-000	Each	$25,911.12	4.0%	$24,874.68
Science Laboratory and Teaching Supplies	490040-0013-000	Microscope Axioscope Vario RL BF/DF/DIC LED for reflected-light bright field, dark field and DIC, with phototube	Carl Zeiss	490040-0013-000	Each	$32,819.04	4.0%	$31,506.28
Science Laboratory and Teaching Supplies	490040-0014-000	Microscope Axioscope Vario RL BF/DF/C-DIC LED for reflected-light bright field, dark field and C-DIC, with phototube	Carl Zeiss	490040-0014-000	Each	$32,972.05	4.0%	$31,653.17
Science Laboratory and Teaching Supplies	490040-0040-000	Microscope Axioscope 5 LED for transmitted-light bright field	Carl Zeiss	490040-0040-000	Each	$13,738.80	4.0%	$13,189.25
Science Laboratory and Teaching Supplies	490040-0041-000	Microscope Axioscope 5 HAL 50 for transmitted-light bright field	Carl Zeiss	490040-0041-000	Each	$13,596.49	4.0%	$13,052.63
Science Laboratory and Teaching Supplies	490040-0042-000	Microscope Axioscope 5 LED for transmitted-light bright field, ergonomic configuration	Carl Zeiss	490040-0042-000	Each	$20,002.58	4.0%	$19,202.48
Science Laboratory and Teaching Supplies	490040-0043-000	Microscope Axioscope 5 LED for transmitted-light bright field	Carl Zeiss	490040-0043-000	Each	$21,679.27	4.0%	$20,812.10
Science Laboratory and Teaching Supplies	490040-0046-000	Microscope Axioscope 5 LED for transmitted-light bright field with Phototube	Carl Zeiss	490040-0046-000	Each	$21,515.56	4.0%	$20,654.94
Science Laboratory and Teaching Supplies	490040-0048-000	Microscope Axioscope 5 LED for transmitted-light bright field and DIC with Phototube	Carl Zeiss	490040-0048-000	Each	$39,631.73	4.0%	$38,046.46
Science Laboratory and Teaching Supplies	490040-0049-000	Microscope Axioscope 5 for Colibri 3 epi-fluorescence in combination with LED transmitted-light, Phototube	Carl Zeiss	490040-0049-000	Each	$24,989.85	4.0%	$23,990.26

Science Laboratory and Teaching Supplies	490040-0051-000	Microscope Axioscope 5 for Colibri epi-fluorescence in combination with LED transmitted-light, Phototube	Carl Zeiss	490040-0051-000	Each	$32,258.36	4.0%	$30,968.03
Science Laboratory and Teaching Supplies	490040-0052-000	Microscope Axioscope 5 for HXP 120 epi-fluorescence in combination with LED transmitted-light, Phototube	Carl Zeiss	490040-0052-000	Each	$44,090.42	4.0%	$42,326.80
Science Laboratory and Teaching Supplies	490040-0054-000	Microscope Axioscope 7 TCA for technical cleanliness analysis, particle size >= 50 µm. Technical Cleanliness Analysis (TCA) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. Including bright field, polarization, objectives EC Epiplan- Neofluar 2.5x/5x, camera, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for Technical Cleanliness Analysis.	Carl Zeiss	490040-0054-000	Each	$73,170.88	4.0%	$70,244.04
Science Laboratory and Teaching Supplies	490040-0055-000	Axioscope 5 TL (BF, Ph) Set with A-Plan objectives consisting of Fast Delivery modules: - Stand Axioscope 5 TL (incl. eyepieces and eyecups) - stage carrier (incl. condenser carrier) - mechanical stage 75x50 R - specimen holder for 2 slides 76x26mm - binocular phototube 30°/23 50:50 - condenser 0.9/1.25 - modulator disk 5x BF DF Ph1,2,3 - objective A-Plan 5x/0.12 - objective A-Plan 20x/0.45 - objective A-Plan 40x/0.65 - objective A-Plan 100x/1.25 Oil - objective A-Plan 10x/0.25 Ph1	Carl Zeiss	490040-0055-000	Each	$10,690.37	4.0%	$10,262.76
Science Laboratory and Teaching Supplies	490040-0056-000	Axioscope 5 RL Set with Epiplan objectives consisting of Fast Delivery modules: - Stand Axioscope 5 RL (incl. eyepieces, eyecups, reflector module BF) - stage carrier - mechanical stage 75x50 R - specimen holder für 2 slides 76x26mm - binocular phototube 30°/23 50:50 - reflector slider 2x cod - objective EC Epiplan 5x/0.13 BD - objective EC Epiplan 10x/0.25 BD - objective EC Epiplan 20x/0.4 BD - objective EC Epiplan 50x/0.75 BD - objective EC Epiplan 100x/0.85 BD - reflector module DF	Carl Zeiss	490040-0056-000	Each	$18,762.45	4.0%	$18,011.95
Science Laboratory and Teaching Supplies	490040-0057-000	Axioscope 5 FL Set with Colibri 3 and N-Achroplan objectives consisting of Fast Delivery modules: - Stand Axioscope 5 , DL/FL (incl. eyepieces, eyecups) - stage carrier (inkl. condenser carrier) - mechanical stage 75x50 R - specimen holder for 2 slides 76x26mm - binocular phototube 30°/23 100:100 - reflector turret 4x cod - condenser, achromatic-aplanatic 0.9 BF DF Ph DIC - objective N-Achroplan 5x/0.15 - objective N-Achroplan 20x/0.45 - objective N-Achroplan 40x/0.65 - objective N-Achroplan 100x/1.25 Oil - objective N-Achroplan 10x/0.25 Ph1 - Colibri 3 (RGB-UV)	Carl Zeiss	490040-0057-000	Each	$25,293.73	4.0%	$24,281.98
Science Laboratory and Teaching Supplies	490040-0058-000	Microscope Axioscope 7 LED for transmitted light brightfield with objectives EC Plan-Neofluar	Carl Zeiss	490040-0058-000	Each	$23,807.50	4.0%	$22,855.20
Science Laboratory and Teaching Supplies	490040-0059-000	Microscope Axioscope 7 LED for epi-fluorescence B/G with LED transmitted light and objectives EC Plan-Neofluar	Carl Zeiss	490040-0059-000	Each	$40,877.21	4.0%	$39,242.12
Science Laboratory and Teaching Supplies	490042-0001-000	Microscope Axioscope 7 RL BF/DF LED for reflected-light bright field and dark field, with phototube	Carl Zeiss	490042-0001-000	Each	$29,688.22	4.0%	$28,500.69
Science Laboratory and Teaching Supplies	490042-0002-000	Microscope Axioscope 7 RL BF/DF/C-DIC, TL LED for reflected-light bright field, dark field and C-DIC, with LED transmitted light and phototube	Carl Zeiss	490042-0002-000	Each	$37,377.24	4.0%	$35,882.15
Science Laboratory and Teaching Supplies	491404-0001-000	Fixed Stage microscope Axio Examiner.A1 for electrophysiology for bright field	Carl Zeiss	491404-0001-000	Each	$27,308.54	4.0%	$26,216.20
Science Laboratory and Teaching Supplies	491404-0002-000	Fixed Stage microscope Axio Examiner.A1 for electrophysiology for bright field, oblique illumination and DIC	Carl Zeiss	491404-0002-000	Each	$37,594.45	4.0%	$36,090.67
Science Laboratory and Teaching Supplies	491404-0003-000	Fixed Stage microscope Axio Examiner.A1 for electrophysiology for bright field, oblique illumination, DIC and epi-fluorescence	Carl Zeiss	491404-0003-000	Each	$52,218.14	4.0%	$50,129.41
Science Laboratory and Teaching Supplies	491404-0004-000	Fixed Stage microscope Axio Examiner.A1 for electrophysiology for bright field, oblique illumination and Dodt gradient contrast	Carl Zeiss	491404-0004-000	Each	$30,755.01	4.0%	$29,524.81
Science Laboratory and Teaching Supplies	491404-0005-000	Fixed Stage microscope Axio Examiner.A1 for electrophysiology for bright field, oblique illumination, Dodt gradient contrast and epi-fluorescence, with motorized objective focusing	Carl Zeiss	491404-0005-000	Each	$54,755.11	4.0%	$52,564.91
Science Laboratory and Teaching Supplies	491405-0001-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field and oblique illumination	Carl Zeiss	491405-0001-000	Each	$33,136.83	4.0%	$31,811.36
Science Laboratory and Teaching Supplies	491405-0002-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field, oblique illumination and DIC	Carl Zeiss	491405-0002-000	Each	$40,671.77	4.0%	$39,044.90

Science Laboratory and Teaching Supplies	491405-0003-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field, DIC-VIS/IR and epi-fluorescence	Carl Zeiss	491405-0003-000	Each	$56,651.15	4.0%	$54,385.10
Science Laboratory and Teaching Supplies	491405-0004-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field, oblique illumination, Dodt gradient contrast and epi-fluorescence	Carl Zeiss	491405-0004-000	Each	$60,361.91	4.0%	$57,947.43
Science Laboratory and Teaching Supplies	491405-0005-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field, oblique illumination and Dodt gradient contrast	Carl Zeiss	491405-0005-000	Each	$35,993.73	4.0%	$34,553.98
Science Laboratory and Teaching Supplies	491406-0001-000	Fixed Stage microscope Axio Examiner.Z1 for electrophysiology for bright field, oblique illumination, DIC-IR/VIS and epi-fluorescence, with motorized objective and condenser focusing as well as motorized reflector turret	Carl Zeiss	491406-0001-000	Each	$107,688.01	4.0%	$103,380.49
Science Laboratory and Teaching Supplies	491406-0002-000	Fixed Stage microscope Axio Examiner.Z1 for electrophysiology for bright field, oblique illumination, Dodt gradient contrast and epi-fluorescence, with motorized objective focusing and motorized reflector turret	Carl Zeiss	491406-0002-000	Each	$81,651.70	4.0%	$78,385.63
Science Laboratory and Teaching Supplies	490016-0001-000	Microscope Axio Imager.Z2 for transmitted-light bright field, with phototube 30°/25. With motorized convenience.	Carl Zeiss	490016-0001-000	Each	$47,550.80	4.0%	$45,648.77
Science Laboratory and Teaching Supplies	490016-0002-000	Microscope Axio Imager.Z2 for epi-fluorescence in combination with transmitted-light bright field and phase contrast, with phototube 30°/25. With motorized convenience.	Carl Zeiss	490016-0002-000	Each	$95,699.73	4.0%	$91,871.74
Science Laboratory and Teaching Supplies	490016-0011-000	Axio Imager.Z2 complete system for Correlative Array Tomography (CAT) with epi-fluorescence in combination with transmitted light bright field and phase contrast	Carl Zeiss	490016-0011-000	Each	$154,144.20	4.0%	$147,978.43
Science Laboratory and Teaching Supplies	490016-0012-000	Axio Imager.Z2 complete system for Correlative Microscopy in Life Sciences with epi-fluorescence in combination with transmitted-light bright field and DIC	Carl Zeiss	490016-0012-000	Each	$143,490.21	4.0%	$137,750.60
Science Laboratory and Teaching Supplies	490017-0001-000	Microscope Axio Imager.Z2m for reflected-light bright field-dark field and C DIC, with phototube 15°/25. With motorized convenience and PC interface.	Carl Zeiss	490017-0001-000	Each	$64,450.38	4.0%	$61,872.36
Science Laboratory and Teaching Supplies	490017-0002-000	Microscope Axio Imager.Z2m ACR for reflected-light bright field-dark field, C DIC and transmitted light, with phototube 15°/25. With motorized convenience and PC interface.	Carl Zeiss	490017-0002-000	Each	$80,573.14	4.0%	$77,350.21
Science Laboratory and Teaching Supplies	490017-0003-000	Microscope Axio Imager.Z2m for orthoscopy and conoscopy in transmitted light, reflected-light Pol and C DIC.	Carl Zeiss	490017-0003-000	Each	$105,467.76	4.0%	$101,249.05
Science Laboratory and Teaching Supplies	490017-0019-000	Microscope Axio Imager.Z2m TCA for technical cleanliness analysis, particle size >=5 µm (>= 1 µm optional). Technical Cleanliness Analysis (TCA) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. This Axio Imager.Z2m configuration ist released for continuous operation of > 10 hours/day or >50 filter analyses day. Including bright field, polarization, objectives EC Epiplan-Neofluar 5x/10x, camera, joystick, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for Technical Cleanliness Analysis.	Carl Zeiss	490017-0019-000	Each	$106,937.94	4.0%	$102,660.42
Science Laboratory and Teaching Supplies	490017-0020-000	Microscope Axio Imager.Z2m NMI for Non-Metallic-Inclusion (NMI) Analysis of multiple specimens. Non-metallic inclusion analysis (NMI) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. Axio Imager.Z2m is suitable for the simultaneous evaluation of several single specimens. Including bright field, objectives EC Epiplan-Neofluar 5x/10x,/20x, camera, joystick, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for NMI.	Carl Zeiss	490017-0020-000	Each	$111,180.49	4.0%	$106,733.27
Science Laboratory and Teaching Supplies	490017-0021-000	Microscope Axio Imager.Z2m complete system for correlative Technical Cleanliness Analysis	Carl Zeiss	490017-0021-000	Each	$120,457.39	4.0%	$115,639.09
Science Laboratory and Teaching Supplies	490018-0001-000	Microscope Axio Imager.D2, coded for transmitted-light bright field, with phototube 30°/25.	Carl Zeiss	490018-0001-000	Each	$29,719.25	4.0%	$28,530.48
Science Laboratory and Teaching Supplies	490018-0002-000	Microscope Axio Imager.D2, coded for transmitted-light bright field and phase contrast, with phototube 30°/25.	Carl Zeiss	490018-0002-000	Each	$33,708.21	4.0%	$32,359.88
Science Laboratory and Teaching Supplies	490018-0003-000	Microscope Axio Imager.D2, coded for epi-fluorescence in combination with transmitted-light bright field and phase contrast, with phototube 30°/25.	Carl Zeiss	490018-0003-000	Each	$59,850.45	4.0%	$57,456.43

Science Laboratory and Teaching Supplies	490018-0004-000	Microscope Axio Imager.D2, coded for epi-fluorescence in combination with transmitted-light bright field and DIC, with phototube 30°/25.	Carl Zeiss	490018-0004-000	Each	$72,066.64	4.0%	$69,183.97
Science Laboratory and Teaching Supplies	490019-0001-000	Microscope Axio Imager.D2m for reflected-light bright field and dark field, with phototube 15°/25.	Carl Zeiss	490019-0001-000	Each	$36,126.41	4.0%	$34,681.35
Science Laboratory and Teaching Supplies	490019-0002-000	Microscope Axio Imager.D2m for reflected-light bright field-dark field and C DIC, with phototube 15°/25.	Carl Zeiss	490019-0002-000	Each	$44,107.54	4.0%	$42,343.24
Science Laboratory and Teaching Supplies	490019-0003-000	Microscope Axio Imager.D2m for reflected-light bright field-dark field, C DIC and transmitted light, with phototube 15°/25.	Carl Zeiss	490019-0003-000	Each	$52,863.35	4.0%	$50,748.82
Science Laboratory and Teaching Supplies	000000-2624-307	Promotion WF Axio Imager.Z2 for Sectioning - Standard Deconvolution, Colibri 7 (5 LEDs) , SBP (6xTurret) Axiocam 807m, BioApps EC PN 5x/0.16, PApo 20x/0.8, PApo 63x/1.4	Carl Zeiss	000000-2624-307	Each	$150,774.77	4.0%	$144,743.78
Science Laboratory and Teaching Supplies	000000-2647-164	Promotion WF Axio Imager.Z2 for Sectioning - Advanced Apotome 3, Colibri 7 (7 LEDs) , SBP (10xTurret) Axiocam 820m, 2D tools, BioApps EC PN 5x/0.16, PApo 10x/0.45, PApo 20x/0.8, PApo 63x/1.4	Carl Zeiss	000000-2647-164	Each	$176,192.62	4.0%	$169,144.92
Science Laboratory and Teaching Supplies	490020-0002-000	Microscope Axio Imager.M2 for transmitted-light bright field and phase contrast, with Ergophototube 20°/23.	Carl Zeiss	490020-0002-000	Each	$51,348.23	4.0%	$49,294.30
Science Laboratory and Teaching Supplies	490020-0003-000	Microscope Axio Imager.M2 for transmitted-light bright field and DIC, with Ergophototube 20°/23.	Carl Zeiss	490020-0003-000	Each	$55,692.43	4.0%	$53,464.73
Science Laboratory and Teaching Supplies	490020-0004-000	Microscope Axio Imager.M2 for epi-fluorescence in combination with transmitted-light bright field and phase contrast, with Ergophototube 20°/23.	Carl Zeiss	490020-0004-000	Each	$70,195.21	4.0%	$67,387.40
Science Laboratory and Teaching Supplies	490020-0005-000	Microscope Axio Imager.M2p with LED for transmitted-light bright field and simple polarization, with phototube 30°/25.	Carl Zeiss	490020-0005-000	Each	$44,696.04	4.0%	$42,908.20
Science Laboratory and Teaching Supplies	490020-0006-000	Microscope Axio Imager.M2 for epi-fluorescence in combination with transmitted-light bright field and DIC, with Ergophototube 20°/23.	Carl Zeiss	490020-0006-000	Each	$111,454.41	4.0%	$106,996.23
Science Laboratory and Teaching Supplies	490021-0001-000	Microscope Axio Imager.M2m for reflected-light bright field and dark field, with Ergophototube 20°/23.	Carl Zeiss	490021-0001-000	Each	$38,547.82	4.0%	$37,005.91
Science Laboratory and Teaching Supplies	490021-0002-000	Microscope Axio Imager.M2m for reflected-light bright field-dark field and DIC, with comfortable Ergophototube 15°/23.	Carl Zeiss	490021-0002-000	Each	$44,719.58	4.0%	$42,930.80
Science Laboratory and Teaching Supplies	490021-0003-000	Microscope Axio Imager.M2m for reflected-light bright field-dark field and C DIC, with comfortable Ergophototube 15°/23.	Carl Zeiss	490021-0003-000	Each	$54,231.88	4.0%	$52,062.60
Science Laboratory and Teaching Supplies	490021-0004-000	Microscope Axio Imager.M2m for reflected-light bright field-dark field, C DIC and transmitted light, with comfortable Ergophototube 15°/23.	Carl Zeiss	490021-0004-000	Each	$62,987.69	4.0%	$60,468.18
Science Laboratory and Teaching Supplies	490021-0005-000	Microscope Axio Imager.M2m for orthoscopy and conoscopy in transmitted light and reflected-light Pol.	Carl Zeiss	490021-0005-000	Each	$83,529.55	4.0%	$80,188.37
Science Laboratory and Teaching Supplies	490021-0009-000	Microscope Axio Imager.M2m for reflected and transmitted light prepared for Linkam Heating/Freezing Stages	Carl Zeiss	490021-0009-000	Each	$49,401.90	4.0%	$47,425.82
Science Laboratory and Teaching Supplies	490021-0019-000	Microscope Axio Imager.M2m TCA for technical cleanliness analysis, particle size >=5 µm (>= 1 µm optional). Technical Cleanliness Analysis (TCA) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. This Axio Imager.M2m configuration is released for operation of < 10 hours/day or <50 filter analyses day. Including bright field, polarization, objectives EC Epiplan- Neofluar 5x/10x, camera, joystick, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for Technical Cleanliness Analysis.	Carl Zeiss	490021-0019-000	Each	$94,731.38	4.0%	$90,942.12
Science Laboratory and Teaching Supplies	490021-0020-000	Microscope Axio Imager.M2m NMI for Non-Metallic-Inclusion (NMI) Analysis of single specimens. Non-metallic inclusion analysis (NMI) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. Axio Imager.M2m is not suitable for the simultaneous evaluation of several single specimens. Including bright field, objectives EC Epiplan-Neofluar 5x/10x,/20x, camera, joystick, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for NMI.	Carl Zeiss	490021-0020-000	Each	$94,252.02	4.0%	$90,481.94
Science Laboratory and Teaching Supplies	490021-0021-000	Microscope Axio Imager.M2m complete system for correlative Technical Cleanliness Analysis	Carl Zeiss	490021-0021-000	Each	$108,250.83	4.0%	$103,920.80

Science Laboratory and Teaching Supplies	490022-0001-000	Microscope Axio Imager.A2, coded with LED for transmitted-light bright field and simple polarization, with tube 30°/23.	Carl Zeiss	490022-0001-000	Each	$15,718.30	4.0%	$15,089.57
Science Laboratory and Teaching Supplies	490022-0002-000	Microscope Axio Imager.A2, coded for transmitted-light bright field, tube 30°/23.	Carl Zeiss	490022-0002-000	Each	$12,367.06	4.0%	$11,872.38
Science Laboratory and Teaching Supplies	490022-0004-000	Microscope Axio Imager.A2, coded for transmitted-light bright field, with ergophototube 20°/23.	Carl Zeiss	490022-0004-000	Each	$25,767.74	4.0%	$24,737.03
Science Laboratory and Teaching Supplies	490022-0005-000	Microscope Axio Imager.A2, coded for transmitted-light bright field and phase contrast, with Ergophototube 20°/23.	Carl Zeiss	490022-0005-000	Each	$29,828.39	4.0%	$28,635.25
Science Laboratory and Teaching Supplies	490022-0006-000	Microscope Axio Imager.A2, coded for transmitted-light bright field and DIC, with Ergophototube 20°/23.	Carl Zeiss	490022-0006-000	Each	$45,471.79	4.0%	$43,652.92
Science Laboratory and Teaching Supplies	490022-0007-000	Microscope Axio Imager.A2, coded with LED for transmitted-light bright field in combination with epi-fluorescence, with Ergophototube 20°/23.	Carl Zeiss	490022-0007-000	Each	$41,812.39	4.0%	$40,139.89
Science Laboratory and Teaching Supplies	490022-0008-000	Microscope Axio Imager.A2, coded for epi-fluorescence in combination with transmitted-light bright field and DIC, with Ergophototube 20°/23.	Carl Zeiss	490022-0008-000	Each	$60,979.30	4.0%	$58,540.13
Science Laboratory and Teaching Supplies	490022-0009-000	Microscope Axio Imager.A2 for transmitted-light Pol for orthoscopy and conoscopy.	Carl Zeiss	490022-0009-000	Each	$58,053.92	4.0%	$55,731.76
Science Laboratory and Teaching Supplies	490022-0013-000	Axio Imager.A2 complete system for Correlative Microscopy in Life Sciences with epi-fluorescence in combination with transmitted-light bright field and DIC	Carl Zeiss	490022-0013-000	Each	$105,320.10	4.0%	$101,107.30
Science Laboratory and Teaching Supplies	490023-0001-000	Microscope Axio Imager.A2m for reflected-light bright field, with phototube 30°/25.	Carl Zeiss	490023-0001-000	Each	$21,883.64	4.0%	$21,008.29
Science Laboratory and Teaching Supplies	490023-0002-000	Microscope Axio Imager.A2m for reflected-light bright field and dark field, with phototube 15°/25.	Carl Zeiss	490023-0002-000	Each	$23,798.94	4.0%	$22,846.98
Science Laboratory and Teaching Supplies	490023-0003-000	Microscope Axio Imager.A2m for reflected-light bright field-dark-field and DIC, with Ergophototube 20°/23.	Carl Zeiss	490023-0003-000	Each	$31,444.09	4.0%	$30,186.33
Science Laboratory and Teaching Supplies	490023-0004-000	Microscope Axio Imager.A2m for reflected-light bright field-dark field and C DIC, with Ergophototube 20°/23.	Carl Zeiss	490023-0004-000	Each	$40,132.49	4.0%	$38,527.19
Science Laboratory and Teaching Supplies	490023-0005-000	Microscope Axio Imager.A2m for reflected-light bright field-dark field, C DIC and transmitted light, with Ergophototube 20°/23.	Carl Zeiss	490023-0005-000	Each	$48,888.30	4.0%	$46,932.77
Science Laboratory and Teaching Supplies	490023-0006-000	**Microscope Axio Imager.A2m for reflected-light Pol.**	Carl Zeiss	490023-0006-000	Each	$55,864.70	4.0%	$53,630.11
Science Laboratory and Teaching Supplies	490023-0007-000	Microscope Axio Imager.A2m for reflected and transmitted light Pol.	Carl Zeiss	490023-0007-000	Each	$70,004.75	4.0%	$67,204.56
Science Laboratory and Teaching Supplies	490023-0008-000	Microscope Axio Imager.A2m for reflected and transmitted light prepared for Linkam Heating/Freezing Stages	Carl Zeiss	490023-0008-000	Each	$35,198.72	4.0%	$33,790.77
Science Laboratory and Teaching Supplies	490024-0001-000	Microscope Axio Imager.A2 Vario for reflected-light bright field.	Carl Zeiss	490024-0001-000	Each	$53,040.97	4.0%	$50,919.33
Science Laboratory and Teaching Supplies	490024-0002-000	Microscope Axio Imager.A2 Vario for reflected-light bright field and dark field.	Carl Zeiss	490024-0002-000	Each	$74,267.63	4.0%	$71,296.92
Science Laboratory and Teaching Supplies	490024-0003-000	Microscope Axio Imager.A2 Vario for reflected-light bright field/dark field and DIC.	Carl Zeiss	490024-0003-000	Each	$77,499.03	4.0%	$74,399.07
Science Laboratory and Teaching Supplies	490024-0004-000	Microscope Axio Imager.A2 Vario for reflected-light bright field/dark field and C-DIC.	Carl Zeiss	490024-0004-000	Each	$87,107.63	4.0%	$83,623.32
Science Laboratory and Teaching Supplies	490025-0001-000	Microscope Axio Imager.Z2 Vario for reflected-light bright field.	Carl Zeiss	490025-0001-000	Each	$92,070.29	4.0%	$88,387.48
Science Laboratory and Teaching Supplies	490025-0002-000	Microscope Axio Imager.Z2 Vario for reflected-light bright field and dark field.	Carl Zeiss	490025-0002-000	Each	$95,119.79	4.0%	$91,315.00
Science Laboratory and Teaching Supplies	490025-0003-000	Microscope Axio Imager.Z2 Vario for reflected-light bright field/dark field and DIC.	Carl Zeiss	490025-0003-000	Each	$123,743.36	4.0%	$118,793.63
Science Laboratory and Teaching Supplies	490025-0004-000	Microscope Axio Imager.Z2 Vario for reflected-light bright field/dark field and C-DIC. Suitable for cleanrooms to ISO class 5.	Carl Zeiss	490025-0004-000	Each	$131,687.04	4.0%	$126,419.56
Science Laboratory and Teaching Supplies	491206-0001-000	Microscope Primovert with binocular tube for transmitted-light brightfield and phase contrast with objectives 4x, 10x Ph1 and condenser 0.3	Carl Zeiss	491206-0001-000	Each	$3,847.72	4.0%	$3,693.81
Science Laboratory and Teaching Supplies	491206-0002-000	Microscope Primovert with binocular phototube for transmitted-light brightfield and phase contrast with objectives 4x, 10x Ph1 and condenser 0.3	Carl Zeiss	491206-0002-000	Each	$4,377.37	4.0%	$4,202.28
Science Laboratory and Teaching Supplies	491206-0003-000	Microscope Primovert with binocular tube for transmitted-light brightfield and phase contrast with objectives 4x Ph0, 10x Ph1, LD 20x Ph1 and condenser 0.3	Carl Zeiss	491206-0003-000	Each	$4,605.28	4.0%	$4,421.07
Science Laboratory and Teaching Supplies	491206-0004-000	Microscope Primovert with binocular tube for transmitted-light brightfield and phase contrast with objectives 4x, 10x Ph1, LD 20x Ph2, LD 40x Ph2 and condenser 0.4	Carl Zeiss	491206-0004-000	Each	$5,890.35	4.0%	$5,654.74
Science Laboratory and Teaching Supplies	491206-0005-000	Microscope Primovert with binocular phototube for transmitted-light brightfield and phase contrast with objectives 4x Ph0, 10x Ph1, LD 20x Ph1, LD 40x Ph2 and condenser 0.4	Carl Zeiss	491206-0005-000	Each	$6,509.88	4.0%	$6,249.48

Science Laboratory and Teaching Supplies	491206-0006-000	Microscope Primovert with binocular tube for transmitted-light brightfield and universal phase contrast with objectives 4x, 10x Ph1, LD 20x Ph1, LD 40x Ph1 and condenser 0.3	Carl Zeiss	491206-0006-000	Each	$5,477.33	4.0%	$5,258.24
Science Laboratory and Teaching Supplies	491206-0011-000	Microscope Primovert with binocular phototube for transmitted-light brightfield and universal phase contrast with objectives 4x, 10x Ph1, LD 20x Ph1, LD 40x Ph1 and condenser 0.3	Carl Zeiss	491206-0011-000	Each	$6,006.98	4.0%	$5,766.70
Science Laboratory and Teaching Supplies	491207-0003-000	Microscope Primovert HDcam with integrated HD IP Camera 5 MP for transmitted-light brightfield and universal phase contrast with objectives 4x, 10x Ph1, LD 20x Ph1, LD 40x Ph1 and condenser 0.3	Carl Zeiss	491207-0003-000	Each	$9,020.10	4.0%	$8,659.30
Science Laboratory and Teaching Supplies	491207-0004-000	Microscope Primovert HDcam with integrated HD IP Camera 5 MP for transmitted-light brightfield and phase contrast with objectives 4x Ph0, 10x Ph1, LD 20x Ph1, LD 40x Ph2 and condenser 0.4	Carl Zeiss	491207-0004-000	Each	$9,523.00	4.0%	$9,142.08
Science Laboratory and Teaching Supplies	491207-0005-000	Microscope Primovert iLED with Epi-Fluorescence 470 nm, transmitted-light brightfield and universal phase contrast with objectives 4x, 10x Ph1, LD 20x Ph1, LD 40x Ph1, condenser 0.3 and UV protection plate	Carl Zeiss	491207-0005-000	Each	$10,737.45	4.0%	$10,307.95
Science Laboratory and Teaching Supplies	491207-0006-000	Microscope Primovert iLED with Epi-Fluorescence 470 nm, transmitted-light brightfield and phase contrast with objectives 4x Ph0, 10x Ph1, LD 20x Ph1, LD 40x Ph2, condenser 0.4 and UV protection plate	Carl Zeiss	491207-0006-000	Each	$11,240.35	4.0%	$10,790.74
Science Laboratory and Teaching Supplies	491237-0022-000	Inverted microscope Axiovert 5 TL for transmitted-light brightfield and phase contrast Ph1	Carl Zeiss	491237-0022-000	Each	$10,480.65	4.0%	$10,061.42
Science Laboratory and Teaching Supplies	491237-0024-000	Inverted microscope Axiovert 5 TL SCB for transmitted-light brightfield, phase contrast Ph1 and PlasDIC with intermediate phototube	Carl Zeiss	491237-0024-000	Each	$22,447.53	4.0%	$21,549.63
Science Laboratory and Teaching Supplies	491237-0027-000	Inverted microscope Axiovert 5 TL SCB for transmitted-light brightfield, phase contrast Ph1, PlasDIC, DIC and iHMC with intermediate phototube	Carl Zeiss	491237-0027-000	Each	$38,903.06	4.0%	$37,346.94
Science Laboratory and Teaching Supplies	491237-0028-000	Inverted microscope Axiovert TL FL SCB for transmitted-light brightfield, phase contrast Ph1 and epi-fluorescence Colibri 3 RGB-UV with intermediate phototube	Carl Zeiss	491237-0028-000	Each	$33,619.40	4.0%	$32,274.62
Science Laboratory and Teaching Supplies	491237-0029-000	Inverted microscope Axiovert 5 TL FL SCB for transmitted-light brightfield, phase contrast Ph1/Ph2, DIC and epi-fluorescence RGB-UV with intermediate phototube	Carl Zeiss	491237-0029-000	Each	$68,574.16	4.0%	$65,831.19
Science Laboratory and Teaching Supplies	491237-0030-000	Microscope Axiovert 5 digital; integrated mono camera Complete stand equipment Axiovert 5 digital with integrated mono camera; suitable for transmitted light brightfield, phase contrast Ph1, fluorescence RGB-UV and Labscope for Windows / iOS / Android + Lab. Multi Channel.	Carl Zeiss	491237-0030-000	Each	$36,191.68	4.0%	$34,744.01
Science Laboratory and Teaching Supplies	491237-0031-000	Microscope Axiovert 5 digital; integrated color camera Complete stand equipment Axiovert 5 digital with integrated color camera; suitable for transmitted light brightfield, phase contrast Ph1, fluorescence RGB-UV and Labscope for Windows / iOS / Android + Lab. Multi Channel.	Carl Zeiss	491237-0031-000	Each	$36,191.68	4.0%	$34,744.01
Science Laboratory and Teaching Supplies	491237-0032-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield and darkfield with objectives EC Epiplan BD consisting of: - Microscope Stand Axiovert 5 RL - Binocular tube 45°/23 - Eyepiece PL 10x/23 Br foc - Intermediate phototube, left port - Slider w/beam splitter 50/50 - Mechanical stage 40x40 R/L - Stage Insert Metal D=115mm d=10mm - Stage Insert Metal D=115mm d=20mm - Stage Insert Metal D=115mm d=30mm - Stop slider aperture diaphragm - Stop slider man - Filter Slider A 3x f/filter 25mm 14x40mm - Conversions filter 5700-3200 K, d=25 mm - Neutral Density Filter 0.06 D=25x2 - Neutral Density Filter 0.25 D=25x2 - Reflector Module H ACR P&C - Reflector Module DF ACR P&C - EC EPIPLAN 5x/0.13 HD - EC EPIPLAN 10x/0.25 HD - EC EPIPLAN 20x/0.4 HD - EC EPIPLAN 50x/0.75 HD	Carl Zeiss	491237-0032-000	Each	$21,555.15	4.0%	$20,692.94

Science Laboratory and Teaching Supplies	491237-0033-000	Inverted microscope Axiovert 5 TL for transmitted-light brightfield, phase contrast Ph1 and PlasDIC with intermediate phototube consisting of: - Microscope Stand Axiovert 5 TL - Binocular tube 45°/23 - Eyepiece PL 10x/23 Br foc - Intermediate phototube, left port - Slider w/beam splitter 50/50 - Green Filter D=32 - Conversions filter 5700-3200 K, d=32 mm - Specimen stage 232x230 mm - Object guide M 130x85 f/Axiovert - Mounting frame Flex M - Mounting frame insert Flex M Petridishes - Mounting Frame, slides and chambers - Condenser LD 0.4 for slider - Slider Ph/PlasDIC, H, Ph/PlasDIC - Phase stop Ph 1/0.4 for slider - 3 position contrast slider 29x10 mm - PlasDIC module LD A-Plan 10x-63x - Objective LD A-Plan 10x/0.25 Ph1 (PS) - Objective LD A-Plan 20x/0.35 Ph1 - Objective LD A-Plan 40x/0.55 Ph1	Carl Zeiss	491237-0033-000	Each	$16,311.08	4.0%	$15,658.64
Science Laboratory and Teaching Supplies	491237-0034-000	Inverted microscope Axiovert 5 TL FL SCB for transmitted-light brightfield, phase contrast Ph1 and epi-fluorescence Colibri 3 RGB-UV with intermediate phototube consisting of: - Microscope Stand Axiovert 5 TL/RL - Binocular tube 45°/23 - Eyepiece PL 10x/23 Br foc - Intermediate phototube, left port - Slider w/beam splitter 20/80 - Green Filter D=32 - Mechanical stage 130x85 R/L - Universal Mounting Frame K - Condenser LD 0.4 for slider - Slider with fixed phase stop Ph 1/0.4 - Illumination System Colibri 3, UV/B/G/R - Illumination adapter A, achromatic - FL Filter Set 90 HE LED w/module - Light Shield - Antiglare screen for ""Axiovert"" - LD A-Plan 5x/0,15 Ph1 - Objective LD A-Plan 10x/0.25 Ph1 (PS) - Objective LD A-Plan 20x/0.35 Ph1 - Objective LD A-Plan 40x/0.55 Ph1	Carl Zeiss	491237-0034-000	Each	$30,321.66	4.0%	$29,108.79
Science Laboratory and Teaching Supplies	491237-0035-000	Inverted microscope Axiovert 5 TL for transmitted-light brightfield, phase contrast Ph1 with intermediate phototube consisting of: - Microscope Stand Axiovert 5 TL - Binocular tube 45°/23 - Eyepiece PL 10x/23 Br foc - Intermediate phototube, left port - Slider w/beam splitter 100 - Green Filter D=32 - Conversions filter 5700-3200 K, d=32 mm - Neutral Density Filter 0.06 D=32x2mm - Specimen stage 232x230 mm - Object guide M 130x85 f/Axiovert - Mounting frame Flex M - Mounting frame insert Flex M Petridishes - Mounting Frame, slides and chambers - Condenser LD 0.3 for slider - Slider 10x46 mm with fixed phase stop Ph 1/0.3 - Objective LD A-Plan 5x/0,15 Ph1 - Objective LD A-Plan 10x/0.25 Ph1 (PS) - Objective LD A-Plan 20x/0.35 Ph1	Carl Zeiss	491237-0035-000	Each	$13,169.56	4.0%	$12,642.78
Science Laboratory and Teaching Supplies	491239-0012-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield with objectives EC Epiplan and Axiocam 208 color	Carl Zeiss	491239-0012-000	Each	$25,039.07	4.0%	$24,037.51
Science Laboratory and Teaching Supplies	491239-0013-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield and darkfield with objectives EC Epiplan BD and Axiocam 208 color	Carl Zeiss	491239-0013-000	Each	$27,155.53	4.0%	$26,069.31
Science Laboratory and Teaching Supplies	491239-0014-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield, darkfield and DIC with Axiocam 208	Carl Zeiss	491239-0014-000	Each	$35,392.39	4.0%	$33,976.69
Science Laboratory and Teaching Supplies	491239-0015-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield, darkfield and DIC with objectives EC Epiplan-Neofluar HD DIC and Axiocam 208 color	Carl Zeiss	491239-0015-000	Each	$46,201.53	4.0%	$44,353.47
Science Laboratory and Teaching Supplies	491239-0016-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield, darkfield and circular DIC and Axiocam 208 color	Carl Zeiss	491239-0016-000	Each	$32,575.08	4.0%	$31,272.08
Science Laboratory and Teaching Supplies	491239-0017-000	Inverted microscope Axiovert 5 RL SCB for reflected-light brightfield, darkfield, circular DIC and polarization	Carl Zeiss	491239-0017-000	Each	$50,881.71	4.0%	$48,846.44
Science Laboratory and Teaching Supplies	491239-0018-000	Inverted microscope Axiovert 7 RL for reflected-light brightfield with objectives EC Epiplan and Axiocam 305 color	Carl Zeiss	491239-0018-000	Each	$45,036.30	4.0%	$43,234.85
Science Laboratory and Teaching Supplies	491239-0019-000	Inverted microscope Axiovert 7 RL for reflected-light brightfield, darkfield, circular DIC and polarization, with objectives EC Epiplan-Neofluar and Axiocam 305 color	Carl Zeiss	491239-0019-000	Each	$72,850.95	4.0%	$69,936.91
Science Laboratory and Teaching Supplies	491239-0020-000	Microscope Axiovert 7 complete system for Non-Metallic-Inclusion (NMI) Non-metallic inclusion analysis (NMI) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. Including bright field, objectives EC Epiplan 5x/10x, camera, joystick, stand, scanning stage, workstation, monitor, ZEN core and modules for NMI.	Carl Zeiss	491239-0020-000	Each	$72,172.57	4.0%	$69,285.67

Science Laboratory and Teaching Supplies	491913-0017-000	Inverted microscope Axio Observer 3 materials for reflected-light brightfield with objectives EC Epiplan and illuminator microLED	Carl Zeiss	491913-0017-000	Each	$28,664.23	4.0%	$27,517.66
Science Laboratory and Teaching Supplies	491913-0018-000	Inverted microscope Axio Observer 3 materials for reflected-light brightfield, darkfield, circular differential interference contrast and polarization, with objectives EC Epiplan HD and illuminator microLED	Carl Zeiss	491913-0018-000	Each	$38,140.15	4.0%	$36,614.54
Science Laboratory and Teaching Supplies	491915-0001-000	Inverted microscope Axio Observer 3 for transmitted-light brightfield HAL, phase contrast Ph1 and PlasDIC	Carl Zeiss	491915-0001-000	Each	$26,524.23	4.0%	$25,463.26
Science Laboratory and Teaching Supplies	491915-0002-000	Inverted microscope Axio Observer 3 for transmitted-light brightfield LED, phase contrast and epi-fluorescence with Viluma 7	Carl Zeiss	491915-0002-000	Each	$50,282.51	4.0%	$48,271.21
Science Laboratory and Teaching Supplies	491913-0019-000	Inverted microscope Axio Observer 5 materials for reflected-light brightfield with manual reflected-light illuminator HD Pol FL, 6-position reflector turret cod., objectives EC Epiplan and illuminator microLED	Carl Zeiss	491913-0019-000	Each	$34,265.68	4.0%	$32,895.05
Science Laboratory and Teaching Supplies	491913-0020-000	Inverted microscope Axio Observer 5 materials for reflected-light brightfield and darkfield; with manual reflected-light illuminator HD Pol FL, 6-position reflector turret cod., objectives EC Epiplan HD and illuminator microLED	Carl Zeiss	491913-0020-000	Each	$37,287.36	4.0%	$35,795.87
Science Laboratory and Teaching Supplies	491913-0021-000	Inverted microscope Axio Observer 5 materials for reflected-light brightfield, darkfield, circular differential interference contrast and polarization; with reflected-light illuminator HD Pol FL mot., 6-position reflector turret mot., objectives EC Epiplan-Neofluar HD DIC and illuminator microLED	Carl Zeiss	491913-0021-000	Each	$65,081.68	4.0%	$62,478.41
Science Laboratory and Teaching Supplies	491916-0001-000	Inverted microscope Axio Observer 5 for transmitted-light brightfield LED and differential interference contrast	Carl Zeiss	491916-0001-000	Each	$49,448.98	4.0%	$47,471.02
Science Laboratory and Teaching Supplies	491916-0002-000	Inverted microscope Axio Observer 5 for transmitted-light brightfield LED, phase contrast, differential interference contrast and manual fluorescence equipment with HXP 120 V	Carl Zeiss	491916-0002-000	Each	$71,296.24	4.0%	$68,444.39
Science Laboratory and Teaching Supplies	000000-2624-360	Promotion WF Axio Observer for Live Cell Imaging - Standard AI Sample Finder, Colibri 7 (5 LEDs) , SBP (FFW), IBIDI Stage Incubation Axiocam 807m, 2D Tools EC PN 5x/0.16, PApo 20x/0.8, PApo 40x/0.95	Carl Zeiss	000000-2624-360	Each	$189,015.50	4.0%	$181,454.88
Science Laboratory and Teaching Supplies	000000-2624-362	Promotion WF Axio Observer for Sectioning - Standard AI Sample Finder, Deconvolution, Colibri 7 (5 LEDs) , SBP (6x), Axiocam 807m, DCV, BioApps EC PN 5x/0.16, PApo 20x/0.8, PApo 63x/1.4	Carl Zeiss	000000-2624-362	Each	$171,568.08	4.0%	$164,705.36
Science Laboratory and Teaching Supplies	000000-2624-364	Promotion WF Axio Observer for Screening - Standard AI Sample Finder, Colibri 7 (5 LEDs) , SBP (6xTurret), stage insert for Slides and MWP Axiocam 807m, BioApps, EC PN 5x/0.16, PApo 20x/0.8	Carl Zeiss	000000-2624-364	Each	$150,896.75	4.0%	$144,860.88
Science Laboratory and Teaching Supplies	000000-2647-036	Promotion WF Axio Observer for Screening - Advanced AI Sample Finder, Colibri 7 (7 LEDs) , SBP (6xTurret), stage insert for Slides and MWP Axiocam 820m, Guided Acquisition, 2D tools, AI tools EC PN 5x/0.16, PApo 10x/0.45, PApo 20x/0.8, LD LCI 40x/1.2 (Autoimmersion)	Carl Zeiss	000000-2647-036	Each	$221,296.33	4.0%	$212,444.48
Science Laboratory and Teaching Supplies	000000-2647-158	Promotion WF Axio Observer for Sectioning - Advanced AI Sample Finder, Apotome, Colibri 7 (7 LEDs) , SBP (6x), Axiocam 820m, 2D Tools, 3D Tools EC PN 5x/0.16, PApo 10x/0.45, PApo 20x/0.8, PApo 63x/1.4	Carl Zeiss	000000-2647-158	Each	$191,951.58	4.0%	$184,273.52
Science Laboratory and Teaching Supplies	000000-2647-162	Promotion WF Axio Observer for Live Cell Imaging - Advanced AI Sample Finder, Colibri 7 (7 LEDs) , SBP (FFW), IBIDI Stage Incubation, Definite Focus 3 Axiocam 820m, 2D Tools, Mol. Quan. DCV EC PN 5x/0.16, PApo 10x/0.45, PApo 20x/0.8, LD LCI PApo 40x/1.2 (AutoImmersion)	Carl Zeiss	000000-2647-162	Each	$265,462.72	4.0%	$254,844.21
Science Laboratory and Teaching Supplies	491914-0010-000	Inverted microscope Axio Observer 7 materials for reflected-light brightfield, darkfield, circular differential interference contrast and polarization; with reflected-light illuminator HD Pol FL mot., 6-position reflector turret mot., objectives EC Epiplan-Neofluar HD DIC and illuminator microLED	Carl Zeiss	491914-0010-000	Each	$74,939.59	4.0%	$71,942.01
Science Laboratory and Teaching Supplies	491917-0001-000	Inverted microscope Axio Observer 7 for transmitted-light brightfield LED, phase contrast, differential interference contrast and fluorescence with HXP 120 V as well as Scanning Stage CAN and Docking station	Carl Zeiss	491917-0001-000	Each	$115,818.94	4.0%	$111,186.18
Science Laboratory and Teaching Supplies	491917-0002-000	Inverted microscope Axio Observer 7 ACR for transmitted-light brightfield LED, phase contrast, differential interference contrast, fluorescence with Colibri 7; equipped with ACR function, Scanning Stage STEP and Docking station	Carl Zeiss	491917-0002-000	Each	$113,611.53	4.0%	$109,067.07

Science Laboratory and Teaching Supplies	491917-0005-000	Inverted microscope Axio Observer 7 for transmitted-light brightfield VIS-LED, phase contrast, differential interference contrast and fluorescence with Dual filter wheel mot. and Colibri 7; equipped with Definite Focus.2, Auto immersion module, Scanning Stage PIEZO and XL incubation	Carl Zeiss	491917-0005-000	Each	$267,665.85	4.0%	$256,959.22
Science Laboratory and Teaching Supplies	491917-0014-000	Microscope Axio Observer 7 materials NMI for Non-Metallic-Inclusion (NMI) Analysis of multiple specimens. Non-metallic inclusion analysis (NMI) is a standard based application with technical minimum requirements regarding the microscope, digital camera and PC hardware. Modifications are only possible after consultation with the support. Axio Observer 7 materials is suitable for the simultaneous evaluation of several single specimens. Including bright field, objectives EC Epiplan-Neofluar 5x/10x,/20x, camera, joystick, stand, scanning stage, dust cover, workstation, monitor, ZEN core and modules for NMI.	Carl Zeiss	491917-0014-000	Each	$113,375.06	4.0%	$108,840.06
Science Laboratory and Teaching Supplies	491903-0005-000	Stereomicroscope Stemi 305 trino with Stand K EDU and Spot Illuminator K LED	Carl Zeiss	491903-0005-000	Each	$2,393.59	4.0%	$2,297.85
Science Laboratory and Teaching Supplies	491903-0006-000	Stereomicroscope Stemi 305 trino with Stand K LAB and Double Spot Illuminator K LED	Carl Zeiss	491903-0006-000	Each	$2,982.09	4.0%	$2,862.81
Science Laboratory and Teaching Supplies	491903-0007-000	Stereo microscope Stemi 305 trino - Entry-level configuration (Zoom 8x…40x) - C-mount camera port (50vis:50doc, fixed split) - compact stand K MAT (work area 195x160mm) - integrated "near-vertical" illuminator and segmentable ring illuminator K LED Including stand K MAT, camera port, LED ring illuminator, near-vertical LED illuminator, and dust cover.	Carl Zeiss	491903-0007-000	Each	$2,743.48	4.0%	$2,633.74
Science Laboratory and Teaching Supplies	491903-0008-000	Stereomicroscope Stemi 305 trino with Stand K, CL 6000 LED and Gooseneck Light Guide 2x	Carl Zeiss	491903-0008-000	Each	$3,719.32	4.0%	$3,570.55
Science Laboratory and Teaching Supplies	491903-0009-000	Stereomicroscope Stemi 305 trino with Stand K, Front Optics 2.0x and Ring Illuminator VisiLED	Carl Zeiss	491903-0009-000	Each	$5,702.03	4.0%	$5,473.95
Science Laboratory and Teaching Supplies	491903-0014-000	Stemi 305 LAB Set with K LED illuminators consisting of: - Microscope Set Stemi 305 LAB with double spot illuminator K LED - Eyepiece eyecups (2x) - Ring illuminator K LED segmentable - Holding ring A53 --> d= 66 mm - Spot illuminator K LED	Carl Zeiss	491903-0014-000	Each	$3,126.54	4.0%	$3,001.48
Science Laboratory and Teaching Supplies	491903-0015-000	Stemi 305 trino LAB Set with K LED illuminators consisting of: - Microscope body Stemi 305 trino - Eyepiece eyecups (2x) - Stand K LAB - Double spot illuminator K LED - Ring illuminator K LED segmentable - Holding ring A53 --> d=66 mm - Spot illuminator K LED	Carl Zeiss	491903-0015-000	Each	$3,681.87	4.0%	$3,534.60
Science Laboratory and Teaching Supplies	491903-0016-000	Stemi 305 cam EDU Set with K LED illuminators consisting of: - Microscope body Stemi 305 cam W - Eyepiece eyecups (2x) - Stand K EDU - Double spot illuminator K LED - Ring illuminator K LED segmentable - Holding ring A53 --> d=66 mm - Spot illuminator K LED	Carl Zeiss	491903-0016-000	Each	$3,904.43	4.0%	$3,748.25
Science Laboratory and Teaching Supplies	491903-0017-000	Stereomicroscope Stemi 305 cam W with Stand K EDU and Spot Illuminator K LED	Carl Zeiss	491903-0017-000	Each	$3,022.75	4.0%	$2,901.84
Science Laboratory and Teaching Supplies	491903-0018-000	Stereomicroscope Stemi 305 cam E with Stand K EDU and Spot Illuminator K LED	Carl Zeiss	491903-0018-000	Each	$2,940.36	4.0%	$2,822.75
Science Laboratory and Teaching Supplies	495009-2002-000	Stereomicroscope Stemi 508 EDU / MAT (DEMOKIT 6)	Carl Zeiss	495009-2002-000	Each	$7,797.09	4.0%	$7,485.21
Science Laboratory and Teaching Supplies	495009-2003-000	Stereomicroscope Stemi 508 LAB (DEMOKIT 7)	Carl Zeiss	495009-2003-000	Each	$8,499.01	4.0%	$8,159.05
Science Laboratory and Teaching Supplies	495009-2004-000	Stereomicroscope Stemi 508 MAT (DEMOKIT 8)	Carl Zeiss	495009-2004-000	Each	$7,785.32	4.0%	$7,473.91
Science Laboratory and Teaching Supplies	495009-2005-000	Stereomicroscope Stemi 508 DOC Set (DEMOKIT 9 - Extension Kit)	Carl Zeiss	495009-2005-000	Each	$5,599.31	4.0%	$5,375.34
Science Laboratory and Teaching Supplies	495009-2006-000	Stereomicroscope Stemi 508 with Stand K EDU and Spot Illuminator K LED	Carl Zeiss	495009-2006-000	Each	$4,156.95	4.0%	$3,990.67
Science Laboratory and Teaching Supplies	495009-2007-000	Stereomicroscope Stemi 508 doc with Stand K LAB and Double Spot Illuminator K LED	Carl Zeiss	495009-2007-000	Each	$5,462.35	4.0%	$5,243.86
Science Laboratory and Teaching Supplies	495009-2008-000	Stereomicroscope Stemi 508 trino with Stand K MAT, Front Optics 0.63x and Ring Illuminator K LED	Carl Zeiss	495009-2008-000	Each	$6,290.53	4.0%	$6,038.91
Science Laboratory and Teaching Supplies	495009-2015-000	Stereomicroscope Stemi 508 doc with Transillumination Base 300 and LED Double Spot	Carl Zeiss	495009-2015-000	Each	$8,673.42	4.0%	$8,326.48
Science Laboratory and Teaching Supplies	495009-2017-000	Stereomicroscope Stemi 508 trino/ Stand M LED (DEMOKIT 10)	Carl Zeiss	495009-2017-000	Each	$8,871.37	4.0%	$8,516.52
Science Laboratory and Teaching Supplies	495009-2018-000	Stereomicroscope Stemi 508 with Stand K and EasyLED Double Spot Plus K/M/32	Carl Zeiss	495009-2018-000	Each	$4,580.67	4.0%	$4,397.44
Science Laboratory and Teaching Supplies	495009-2019-000	Stereomicroscope Stemi 508 doc with Stand K, CL 1500 HAL and gooseneck light guide 2x4.5/620 mm	Carl Zeiss	495009-2019-000	Each	$6,602.97	4.0%	$6,338.85
Science Laboratory and Teaching Supplies	495009-2020-000	Stereomicroscope Stemi 508 trino with Stand K, eyepieces 16x/14, Front Optics 2.0x and High Power LED Ringlight (HPRL)	Carl Zeiss	495009-2020-000	Each	$7,347.69	4.0%	$7,053.78
Science Laboratory and Teaching Supplies	495009-2021-000	Stereomicroscope Stemi 508 trino with Stand M LED, gliding stage and ring illuminator K LED	Carl Zeiss	495009-2021-000	Each	$7,446.13	4.0%	$7,148.28

Science Laboratory and Teaching Supplies	495009-2022-000	Stereomicroscope Stemi 508 doc with Stand N, Ball-and-socket Stage, CL 6000 LED and Diffuser S	Carl Zeiss	495009-2022-000	Each	$9,097.14	4.0%	$8,733.25
Science Laboratory and Teaching Supplies	495009-2023-000	Stereomicroscope Stemi 508 doc with Stand M LED, Front Optics 1.5x, eyepieces 16x and Transillumination Unit M LED	Carl Zeiss	495009-2023-000	Each	$7,278.14	4.0%	$6,987.01
Science Laboratory and Teaching Supplies	495009-2025-000	Stereomicroscope Stemi 508 doc with Boom Stand SDA, Front Lens System 0.4x, CL 6000 LED and slit-ring illuminator	Carl Zeiss	495009-2025-000	Each	$10,907.58	4.0%	$10,471.28
Science Laboratory and Teaching Supplies	495009-2026-000	Stereomicroscope Stemi 508 doc with Boom Stand SDA, Front Lens System 0.4x, CL 6000 LED and slit-ring illuminator	Carl Zeiss	495009-2026-000	Each	$10,723.54	4.0%	$10,294.60
Science Laboratory and Teaching Supplies	495015-0001-000	Stereomicroscope SteREO Discovery.V8 with stand N 32/450, without illumination	Carl Zeiss	495015-0001-000	Each	$7,670.83	4.0%	$7,364.00
Science Laboratory and Teaching Supplies	495015-0003-000	Stereomicroscope SteREO Discovery.V8 with stand N 32/450 and ECO slit-ring illuminator	Carl Zeiss	495015-0003-000	Each	$9,985.24	4.0%	$9,585.83
Science Laboratory and Teaching Supplies	495015-0006-000	Stereomicroscope SteREO Discovery.V8 for vertical documentation, with coarse/fine drive and variable incident-light illuminator	Carl Zeiss	495015-0006-000	Each	$18,851.26	4.0%	$18,097.21
Science Laboratory and Teaching Supplies	495015-0007-000	Stereomicroscope SteREO Discovery.V8 with coarse/fine drive and VisiLED epi- and transillumination	Carl Zeiss	495015-0007-000	Each	$15,172.60	4.0%	$14,565.70
Science Laboratory and Teaching Supplies	495015-0008-000	Stereomicroscope SteREO Discovery.V8 with coarse/fine drive and variable transillumination	Carl Zeiss	495015-0008-000	Each	$14,909.38	4.0%	$14,313.00
Science Laboratory and Teaching Supplies	495015-0009-000	Stereomicroscope SteREO Discovery.V8 with coarse/fine drive and coaxial incident-light bright-field illuminator	Carl Zeiss	495015-0009-000	Each	$17,903.24	4.0%	$17,187.11
Science Laboratory and Teaching Supplies	495015-0012-000	Stereomicroscope SteREO Discovery.V8 with stand N 32/450 and EasyLED trans- and epi-illumination	Carl Zeiss	495015-0012-000	Each	$10,067.63	4.0%	$9,664.92
Science Laboratory and Teaching Supplies	495015-0013-000	Stereomicroscope SteREO Discovery.V8 with drawing tube and phototube	Carl Zeiss	495015-0013-000	Each	$22,119.04	4.0%	$21,234.28
Science Laboratory and Teaching Supplies	495015-0014-000	Stereomicroscope SteREO Discovery.V8 with coarse/fine drive and simultaneous transmitted and reflected light due to two CL 4500 LED CRI90 units	Carl Zeiss	495015-0014-000	Each	$15,634.84	4.0%	$15,009.45
Science Laboratory and Teaching Supplies	495015-0016-000	Microscope SteREO Discovery.V8 for reflected light prepared for Linkam Heating/Freezing Stages	Carl Zeiss	495015-0016-000	Each	$16,884.60	4.0%	$16,209.22
Science Laboratory and Teaching Supplies	495015-0019-000	Fluorescence stereomicroscope SteREO Discovery.V8 with stand N, intermediate LED tube 38HE GFP and EasyLED epi-spot	Carl Zeiss	495015-0019-000	Each	$17,002.30	4.0%	$16,322.21
Science Laboratory and Teaching Supplies	495015-0020-000	Stereomicroscope SteREO Discovery.V8 with objective nosepiece S, coax	Carl Zeiss	495015-0020-000	Each	$26,027.75	4.0%	$24,986.64
Science Laboratory and Teaching Supplies	495015-0021-000	Stereomicroscope SteREO Discovery.V8 with stand 300 for epi- illumination, without illumination	Carl Zeiss	495015-0021-000	Each	$8,585.68	4.0%	$8,242.25
Science Laboratory and Teaching Supplies	495015-0022-000	Stereomicroscope SteREO Discovery.V8 with transillumination base 300	Carl Zeiss	495015-0022-000	Each	$10,930.05	4.0%	$10,492.85
Science Laboratory and Teaching Supplies	495015-0023-000	Stereomicroscope SteREO Discovery.V8 with stand N 32/450 and LED set for double spot	Carl Zeiss	495015-0023-000	Each	$9,468.43	4.0%	$9,089.69
Science Laboratory and Teaching Supplies	495015-0029-000	Microscope SteREO Discovery.V8 complete system for Technical Cleanliness Analysis	Carl Zeiss	495015-0029-000	Each	$81,307.16	4.0%	$78,054.87
Science Laboratory and Teaching Supplies	495015-0030-000	Stereomicroscope SteREO Discovery.V8 with stand M LED Transmitted light consisting of: - Microscope body SteREO Discovery V8 - Binoc Tube S 35 f/ Discovery - Eyepiece + Eyecups (2x) - Stand M LED - Transillumination Brightfield M LED - Objective Achromat S 0.63x Reo WD=107	Carl Zeiss	495015-0030-000	Each	$8,306.41	4.0%	$7,974.15
Science Laboratory and Teaching Supplies	495015-0031-000	Stereomicroscope SteREO Discovery.V8 with transillumination base 300 consisting of: - Microscope body SteREO Discovery V8 - Binoc Phototube S 20 - Intermediate Tube S - Eyepiece + Eyecups (2x) - Transillumination base 300 - Footswitch S - Coarse/fine drive w/T-column 350mm - Mount S with 76 mm Diameter Support - Objective Achromat S 0.63x Reo WD=107	Carl Zeiss	495015-0031-000	Each	$12,980.17	4.0%	$12,460.96
Science Laboratory and Teaching Supplies	495007-0001-000	Stereomicroscope SteREO Discovery.V12 with stand SDA, without illumination	Carl Zeiss	495007-0001-000	Each	$15,445.45	4.0%	$14,827.63
Science Laboratory and Teaching Supplies	495007-0003-000	Stereomicroscope SteREO Discovery.V12 with coarse/fine drive and coaxial incident-light bright-field illuminator	Carl Zeiss	495007-0003-000	Each	$23,762.56	4.0%	$22,812.06
Science Laboratory and Teaching Supplies	495007-0004-000	Stereomicroscope SteREO Discovery.V12 with focus motor and without illumination	Carl Zeiss	495007-0004-000	Each	$18,201.77	4.0%	$17,473.70
Science Laboratory and Teaching Supplies	495007-0005-000	Stereomicroscope SteREO Discovery.V12 with focus motor and variable LED epi-illumination	Carl Zeiss	495007-0005-000	Each	$25,161.05	4.0%	$24,154.61
Science Laboratory and Teaching Supplies	495007-0007-000	Stereomicroscope SteREO Discovery.V12 with focus motor and all-side polarized epi-illumination	Carl Zeiss	495007-0007-000	Each	$19,401.24	4.0%	$18,625.19
Science Laboratory and Teaching Supplies	495007-0008-000	Stereomicroscope SteREO Discovery.V12 with focus motor, SYCOP control and without illumination	Carl Zeiss	495007-0008-000	Each	$22,043.07	4.0%	$21,161.35
Science Laboratory and Teaching Supplies	495007-0011-000	Stereomicroscope SteREO Discovery.V12 with motor focus, SYCOP control and coaxial incident-light brightfield illuminator	Carl Zeiss	495007-0011-000	Each	$29,983.54	4.0%	$28,784.20

Science Laboratory and Teaching Supplies	495007-0016-000	Fluorescence stereomicroscope SteREO Discovery.V12 with coarse/fine drive, HXP 120 V and incident-light oblique illumination	Carl Zeiss	495007-0016-000	Each	$44,336.52	4.0%	$42,563.06
Science Laboratory and Teaching Supplies	495007-0020-000	Fluorescence stereomicroscope SteREO Discovery.V12 with all-sided epi-illumination at nosepiece and SYCOP control	Carl Zeiss	495007-0020-000	Each	$67,121.10	4.0%	$64,436.26
Science Laboratory and Teaching Supplies	495007-0022-000	Discovery.V12 and accessories, dealer kit Stereomicroscope SteREO Discovery.V12 with 8x...100x motorized zoom, highly stable stand with coarse/fine drive, objective sliders for stereoobservation and vertical documentation, cold light source CL 1500 HAL for reflected-light, FireWire camera AxioCam ICc1 incl. AxioVision LE; apochromatically and digitally controlled high-end zoom microscope for visual 3D shape testing and high 2D measuring accuracy	Carl Zeiss	495007-0022-000	Each	$36,268.72	4.0%	$34,817.97
Science Laboratory and Teaching Supplies	495007-0027-000	Fluorescence stereomicroscope SteREO Discovery.V12 with coarse/fine drive, intermediate LED tube 38HE GFP and 69 FITC and EasyLED ring light Plus	Carl Zeiss	495007-0027-000	Each	$32,232.68	4.0%	$30,943.37
Science Laboratory and Teaching Supplies	495007-0030-000	Stereomicroscope SteREO Discovery.V12 with objective nosepiece S, coax and spot illumination	Carl Zeiss	495007-0030-000	Each	$33,117.57	4.0%	$31,792.87
Science Laboratory and Teaching Supplies	495007-0031-000	Stereomicroscope SteREO Discovery.V12 with objective nosepiece S, coax, all-side epi-illumination and mechanical stage 150x100	Carl Zeiss	495007-0031-000	Each	$43,960.95	4.0%	$42,202.51
Science Laboratory and Teaching Supplies	495007-0046-000	Fluorescence stereomicroscope SteREO Discovery.V12 with focus motor, SYCOP control, PentaFluar and HXP 120 V, 3 ring illuminators	Carl Zeiss	495007-0046-000	Each	$72,060.22	4.0%	$69,177.81
Science Laboratory and Teaching Supplies	495007-0050-000	SteREO Discovery.V12 complete system for Correlative Microscopy in materials analysis with incident-light bright field	Carl Zeiss	495007-0050-000	Each	$72,765.35	4.0%	$69,854.74
Science Laboratory and Teaching Supplies	495035-9801-000	Stereomicroscope SteREO Discovery.V12 with stand N without illumination	Carl Zeiss	495035-9801-000	Each	$11,226.44	4.0%	$10,777.38
Science Laboratory and Teaching Supplies	495037-9904-000	Stereomicroscope SteREO Discovery.V12 with coarse/fine drive and variable polarized transillumination	Carl Zeiss	495037-9904-000	Each	$18,343.01	4.0%	$17,609.29
Science Laboratory and Teaching Supplies	495010-0001-000	Zoom microscope Axio Zoom.V16 (11x ... 179x) basic configuration without illumination	Carl Zeiss	495010-0001-000	Each	$23,299.25	4.0%	$22,367.28
Science Laboratory and Teaching Supplies	495010-0002-000	Zoom microscope Axio Zoom.V16 (11x ... 179x) with integrated transillumination-contrast illumination	Carl Zeiss	495010-0002-000	Each	$24,555.43	4.0%	$23,573.21
Science Laboratory and Teaching Supplies	495010-0003-000	Zoom microscope Axio Zoom.V16 (0.35...11.2 : 1) incident-light photo configuration with measuring stage S mot	Carl Zeiss	495010-0003-000	Each	$63,652.16	4.0%	$61,106.07
Science Laboratory and Teaching Supplies	495010-0004-000	Fluorescence zoom microscope Axio Zoom.V16 (7x ... 112x) for bright-fluorescence screening	Carl Zeiss	495010-0004-000	Each	$44,006.96	4.0%	$42,246.68
Science Laboratory and Teaching Supplies	495010-0005-000	Fluorescence zoom microscope Axio Zoom.V16 (11x ... 412x) for detail imaging	Carl Zeiss	495010-0005-000	Each	$66,197.69	4.0%	$63,549.78
Science Laboratory and Teaching Supplies	495010-0007-000	Zoom microscope Axio Zoom.V16 (5.6x ... 179x) for coaxial incident light	Carl Zeiss	495010-0007-000	Each	$54,337.81	4.0%	$52,164.30
Science Laboratory and Teaching Supplies	495010-0008-000	Zoom microscope Axio Zoom.V16 (7x ... 112x) for polarized epi-illumination with VisiLED ring light	Carl Zeiss	495010-0008-000	Each	$26,987.54	4.0%	$25,908.04
Science Laboratory and Teaching Supplies	495010-0016-000	Axio Zoom.V16 complete system for Correlative Microscopy in materials analysis with coaxial incident-light	Carl Zeiss	495010-0016-000	Each	$81,152.01	4.0%	$77,905.93
Science Laboratory and Teaching Supplies	495010-0019-000	Fluorescence zoom microscope Axio Zoom.V16 (11x ... 412x) for detail imaging with Apotome 3 ZEN	Carl Zeiss	495010-0019-000	Each	$104,603.20	4.0%	$100,419.07
Science Laboratory and Teaching Supplies	495010-0029-000	Microscope Axio Zoom.V16 complete system for Technical Cleanliness Analysis	Carl Zeiss	495010-0029-000	Each	$93,616.44	4.0%	$89,871.78
Science Laboratory and Teaching Supplies	495016-0001-000	Stereomicroscope SteREO Discovery.V20 with coarse/fine drive and variable LED epi-illumination	Carl Zeiss	495016-0001-000	Each	$24,714.86	4.0%	$23,726.27
Science Laboratory and Teaching Supplies	495016-0009-000	Stereomicroscope SteREO Discovery.V20 with coarse/fine focus, diffuser and CL 6000 LED	Carl Zeiss	495016-0009-000	Each	$19,094.15	4.0%	$18,330.38
Science Laboratory and Teaching Supplies	000000-2179-038	Digital microscope Smartzoom 5 suited for quality control, quality assurance and optical inspection. Including optical engine, objective PlanApo D 1.6x, controller, tiltable stand, scanning stage, All-in-One PC and Smartzoom 5 software	Carl Zeiss	000000-2179-038	Each	$79,120.08	4.0%	$75,955.28
Science Laboratory and Teaching Supplies	495017-0006-000	Digital microscope Visioner 1 Basic with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, coaxial light, LED ring illuminator, controller, stand K, spacer plate, workstation, 24""- monitor, and software ZEN core.	Carl Zeiss	495017-0006-000	Each	$39,372.79	4.0%	$37,797.88

Science Laboratory and Teaching Supplies	495017-0007-000	Digital microscope Visioner 1 Basic plus with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, front optic 0.75x, coaxial light, LED ring illuminator, illumination adapter, controller, stand K, gliding stage, footswitch, workstation, 24""-monitor, and software ZEN core.	Carl Zeiss	495017-0007-000	Each	$42,250.02	4.0%	$40,560.02
Science Laboratory and Teaching Supplies	495017-0008-000	Digital microscope Visioner 1 Advanced with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, front optics 0.75x, 1.8x telecentric, coaxial light, LED ring illuminator 3-fold, LED ring illuminater 1-fold, illumination adapter, controller, stand M, gliding stage, footswitch, workstation, 24""-monitor, and software ZEN core.	Carl Zeiss	495017-0008-000	Each	$45,558.46	4.0%	$43,736.12
Science Laboratory and Teaching Supplies	495017-0009-000	Digital microscope Visioner 1 Advanced plus with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, front optics 0.35x, 0.75x, 1.8x telecentric, coaxial light, LED ring illuminator 3-fold, LED ring illuminater 1-fold, illumination adapter, controller, stand M, gliding stage, ball-and-socket stage, footswitch, workstation, 24""- monitor, and software ZEN core.	Carl Zeiss	495017-0009-000	Each	$47,023.29	4.0%	$45,142.36
Science Laboratory and Teaching Supplies	495017-0010-000	Digital microscope Visioner 1 Professional with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, front optics 0.75x, 1.8x telecentric, coaxial light, LED ring illuminator 3-fold, LED ring illuminater 1-fold, illumination adapter, controller, stand base 300, manual stage S, footswitch, workstation, 27"-monitor, and software ZEN core.	Carl Zeiss	495017-0010-000	Each	$51,324.69	4.0%	$49,271.70
Science Laboratory and Teaching Supplies	495017-0011-000	Digital microscope Visioner 1 Professional plus with integrated Micro-mirror Array Lens System (MALS) for real-time all- in-focus optical inspection. Including system unit with 1.3x magnification, front optics 0.35x, 1.2x telezentric, 1.8x telecentric, coaxial light, LED ring illuminator 3- fold, LED ring illuminater 1-fold, illumination adapter, controller, stand base 300, motorized stage S, ball-and-socket stage, footswitch, workstation, 27"-monitor, and software ZEN core.	Carl Zeiss	495017-0011-000	Each	$61,455.45	4.0%	$58,997.23
Science Laboratory and Teaching Supplies	000000-2449-031	Workstation for Lattice Lightsheet 7	Carl Zeiss	000000-2449-031	Each	$32,211.28	4.0%	$30,922.83
Science Laboratory and Teaching Supplies	447740-8001-000	Interference UV barrier filter LP 397, d=25	Carl Zeiss	447740-8001-000	Each	$1,955.96	4.0%	$1,877.72
Science Laboratory and Teaching Supplies	000000-1312-876	Safety kit for lamp interface detects presence of HBO or HAL	Carl Zeiss	000000-1312-876	Each	$584.22	4.0%	$560.85
Science Laboratory and Teaching Supplies	453001-9062-000	Test sample "Mirror"	Carl Zeiss	453001-9062-000	Each	$138.03	4.0%	$132.51
Science Laboratory and Teaching Supplies	000000-0465-514	Desk for microscopes and accessories 1200x800 mm (O) max. loading capacity 150 kg	Carl Zeiss	000000-0465-514	Each	$4,389.14	4.0%	$4,213.57
Science Laboratory and Teaching Supplies	000000-2147-373	System table , small, air damped, level unregulated long and short side open with breadboard, 900x750mm	Carl Zeiss	000000-2147-373	Each	$6,907.92	4.0%	$6,631.60
Science Laboratory and Teaching Supplies	000000-2147-374	System table, small, air damped, level regulated pressured air supply necessary, long and short side open, with breadboard, 900x750mm	Carl Zeiss	000000-2147-374	Each	$7,122.99	4.0%	$6,838.07
Science Laboratory and Teaching Supplies	000000-1299-420	Fastening kit for Axio Imager	Carl Zeiss	000000-1299-420	Each	$597.06	4.0%	$573.18
Science Laboratory and Teaching Supplies	000000-2063-263	Levelling stage insert for Axio Imager	Carl Zeiss	000000-2063-263	Each	$1,032.55	4.0%	$991.25
Science Laboratory and Teaching Supplies	400102-8317-000	Anti-vibration plate Cell Observer SD and LSM 800/900 can be used to set up a Cell Observer SD or LSM 800/900 on undamped tables.	Carl Zeiss	400102-8317-000	Each	$3,720.39	4.0%	$3,571.57
Science Laboratory and Teaching Supplies	400102-8311-000	Anti-vibration plate Axio Imager and LSM 800/900 (D) can be used to set up an Axio Imager or LSM 800/900 on undamped tables.	Carl Zeiss	400102-8311-000	Each	$3,720.39	4.0%	$3,571.57
Science Laboratory and Teaching Supplies	423731-9190-000	Upper part with T60N (left) for AxioExaminer with LSM 700 Includes Laser Safety	Carl Zeiss	423731-9190-000	Each	$5,097.48	4.0%	$4,893.58
Science Laboratory and Teaching Supplies	000000-1985-667	Compensation module ELYRA ACR For the optical adaptation in the case of brightfield imaging and LSM recording, fits into positions for push and click filter cubes, with automated component recognition	Carl Zeiss	000000-1985-667	Each	$920.20	4.0%	$883.39
Science Laboratory and Teaching Supplies	400100-9021-000	Trigger board µCon HS (PCI xPress) (D) with support of SDB. With high resolution AD/DA converter, for TTL trigger output and analysis. For control of Laser Bench Tower, Rack and Rack 3F, Z PIEZO with precise trigger control of up to two triggerable cameras.	Carl Zeiss	400100-9021-000	Each	$3,120.12	4.0%	$2,995.32
Science Laboratory and Teaching Supplies	400600-9011-000	Solid State Laser 405nm, 50mW (D) Variability of wavelength from Laser to Laser: 405nm +/- 5nm	Carl Zeiss	400600-9011-000	Each	$29,490.27	4.0%	$28,310.66

Science Laboratory and Teaching Supplies	400600-9020-000	Solid State Laser 445nm, 25mW (D) Variability of wavelength from Laser to Laser: 445nm +/- 5nm	Carl Zeiss	400600-9020-000	Each	$17,779.12	4.0%	$17,067.96
Science Laboratory and Teaching Supplies	400600-9071-000	Solid State Laser 515nm, 20mW (D) Variability of wavelength from Laser to Laser: 515nm +/- 0.5nm	Carl Zeiss	400600-9071-000	Each	$29,063.34	4.0%	$27,900.81
Science Laboratory and Teaching Supplies	400600-9160-000	Solid State Laser 405nm, 50mW (D) Variability of wavelength from Laser to Laser: 405nm +/- 5nm	Carl Zeiss	400600-9160-000	Each	$30,373.02	4.0%	$29,158.10
Science Laboratory and Teaching Supplies	400600-9170-000	Solid State Laser 488nm, 30mW (D) Variability of wavelength from Laser to Laser: 488nm +/- 5nm	Carl Zeiss	400600-9170-000	Each	$17,922.50	4.0%	$17,205.60
Science Laboratory and Teaching Supplies	400600-9180-000	Solid State Laser 488nm, 50mW (D) Variability of wavelength from Laser to Laser: 488nm +/- 5nm	Carl Zeiss	400600-9180-000	Each	$28,669.58	4.0%	$27,522.80
Science Laboratory and Teaching Supplies	400600-9200-000	Solid State Laser 561nm, 20mW (D) Variability of wavelength from Laser to Laser: 561nm +/- 0.5nm	Carl Zeiss	400600-9200-000	Each	$17,443.14	4.0%	$16,745.41
Science Laboratory and Teaching Supplies	400600-9210-000	Solid State Laser 561nm, 50mW (D) Variability of wavelength from Laser to Laser: 561nm +/- 0.5nm	Carl Zeiss	400600-9210-000	Each	$24,458.06	4.0%	$23,479.74
Science Laboratory and Teaching Supplies	400600-9230-000	Solid State Laser 638nm, 75mW (D) Variability of wavelength from Laser to Laser: 638nm +/- 5nm	Carl Zeiss	400600-9230-000	Each	$14,115.44	4.0%	$13,550.82
Science Laboratory and Teaching Supplies	400615-9400-000	Monomode fiber 405-640nm for TIRF (D) for the connection of sliders Laser TIRF with Laser Bench Tower or Laser Bench Rack; length: 3000 mm	Carl Zeiss	400615-9400-000	Each	$4,832.12	4.0%	$4,638.84
Science Laboratory and Teaching Supplies	432915-9013-000	Controller for Smartzoom 5, EN (G) - comprising of English wireless keyboard, wireless mouse and control unit - control unit consists of touch screen, touchpad and coaxial dual wheel - control unit attaches to all-in-one PC via USB2 connection	Carl Zeiss	432915-9013-000	Each	$3,502.11	4.0%	$3,362.03
Science Laboratory and Teaching Supplies	432915-9033-000	Controller for Smartzoom 5, DE (G) - comprising of German wireless keyboard, wireless mouse and control unit - control unit consists of touch screen, touchpad and coaxial dual wheel - control unit attaches to all-in-one PC via USB2 connection	Carl Zeiss	432915-9033-000	Each	$3,502.11	4.0%	$3,362.03
Science Laboratory and Teaching Supplies	000000-0677-975	Power Bank Lithium-Ion, 73 Wh (D) - Mobile power supply for Stemi 305/508, Primostar 3, Primostar 3 iLED, Primostar 1 and Primo Star iLED - For connection to the LED stands K/M or Controller K LED - Enables mobile operation of LED illuminators K/M as well as Stemi 305 cam body - For connection to Primostar 3 fixed-Koehler, Primostar 3 iLED, Primostar 1 and Primo Star iLED - Connection via DC low voltage cable (after removing the power supply from the Stemi stand), correct choice of output voltage: 12V DC - Operating time of one illuminator K/M: approx. 10 h - parallel power supply of an AxioCam ERc 5s possible (via USB output) - simultaneous charging of the power bank and power supply of a Stemi stand NOT possible Product features: - Powerful lithium-ion battery, capacity 73 Wh - DC low voltage output (round socket 5.5x2.1mm), switchable 12/15/16.5/19/20/24V DC. - 2x USB output (1x QC 3.0, 1x USB2). - LCD display to show set DC voltage, charge level, etc. - Full charge (with power adapter to DC round socket): 4 hrs. - Operation Lifetime: approx. 500 charging cycles Scope of delivery: - Powerbank, dimensions 174 x 78 x 21.5 mm, weight 450g - DC low voltage cable, approx. 2m, with round plug 5.5x2.1 mm for connection to LED stands K/M and Controller K LED - 8 DC adapters to the low voltage cable to connect notebooks - Car adapter cable, 0.5m, to charge the power bank via cigarette lighter socket - Wide range power supply 100-240 V, 50-60 Hz with 4 adapters (EU, GB, US, AU) - Instruction manual	Carl Zeiss	000000-0677-975	Each	$288.90	4.0%	$277.34
Science Laboratory and Teaching Supplies	425525-9010-000	Smartzoom 5 Optical Engine (G) - integrated 10x zoom ranging from 0.5x to 5.0x - dove tail mount for attachment to stand - integrated coaxial LED illumination - integrated camera	Carl Zeiss	425525-9010-000	Each	$24,348.92	4.0%	$23,374.96
Science Laboratory and Teaching Supplies	425525-9100-000	System unit Visioner 1 - integrated optics (1.3x magnification) - integrated Mirror Array Lens System (MALS) module for real-time Extended Depth of Field imaging - integrated 3 MP camera - integrated coaxial epi-illumination - interface D=76 mm for Stemi mount/Mount S - interface D=66 mm for illuminators - connection cables - LED ring illuminator with 3 rings and 8 segments (optimized for 1.3x and 0.35x magnification) - Minimum working distance 44 mm (without LED ring illuminator) / 19 mm (with LED ring illuminator)	Carl Zeiss	425525-9100-000	Each	$23,698.36	4.0%	$22,750.43

Science Laboratory and Teaching Supplies	430040-9000-000	Stand D mot tiltable (G) - includes external 24V DC 80W 100 to 240V AC power supply - country specific power lead - 1x USB 3 cable included - integrated cable to optical engine - motorized z-drive for focusing - motorized z-drive for pivot point adjustment - tilting angle +/- 45° - includes dustcover for Smartzoom 5 system - Smartzoom 5 system assembly/disassembly instructions	Carl Zeiss	430040-9000-000	Each	$17,785.54	4.0%	$17,074.12
Science Laboratory and Teaching Supplies	000000-0626-245	Keyboard, USB, Design "Business Slim", Language German (O)	Carl Zeiss	000000-0626-245	Each	$68.48	4.0%	$65.74
Science Laboratory and Teaching Supplies	000000-0626-246	Mouse, Optical USB-Scroll Mouse (O)	Carl Zeiss	000000-0626-246	Each	$31.03	4.0%	$29.79
Science Laboratory and Teaching Supplies	000000-0626-248	Cable, High-Speed-HDMI-Cable, Premium, black, 2m (O) Cable, High-Speed-HDMI-Cable, Premium, Resolution 4K, HDMI connector A to HDMI connector A, black, 2m	Carl Zeiss	000000-0626-248	Each	$25.68	4.0%	$24.65
Science Laboratory and Teaching Supplies	000000-0626-267	Keyboard, USB, Design "Business Slim", Language English US (O)	Carl Zeiss	000000-0626-267	Each	$56.71	4.0%	$54.44
Science Laboratory and Teaching Supplies	000000-0639-203	PCI Express board 3x ext. USB 2.0-A	Carl Zeiss	000000-0639-203	Each	$210.79	4.0%	$202.36
Science Laboratory and Teaching Supplies	000000-2514-847	Confomap USB replacement dongle (D) A lost or damaged USB dongle can be replaced with this item. The serial number on the USB dongle must be specified when ordering.	Carl Zeiss	000000-2514-847	Each	$1,064.65	4.0%	$1,022.06
Science Laboratory and Teaching Supplies	410133-0304-000	Upgrade to USB HASP HL Dongle (O) Includes an USB HASP HL dongle with the content of the old dongle. With the shipment of the replacement dongle the old dongle will be invalid and must not be used any more. Support and upgrades of this license are then no more possible.	Carl Zeiss	410133-0304-000	Each	$338.12	4.0%	$324.60
Science Laboratory and Teaching Supplies	410138-1012-200	Upgrade ConfoMap ST V6 to V7 (D)	Carl Zeiss	410138-1012-200	Each	$1,901.39	4.0%	$1,825.33
Science Laboratory and Teaching Supplies	410138-1013-200	Upgrade ConfoMap Premium V6 to V7 (D)	Carl Zeiss	410138-1013-200	Each	$6,101.14	4.0%	$5,857.09
Science Laboratory and Teaching Supplies	410136-1073-200	ConfoMap V7 Module Advanced Contour (D) Dimensional analysis of geometrical profiles according to ISO 1101: sizes, angles, radii, diameters, form deviations. Carry out CAD compare functions using DXF templates with automatic fit.	Carl Zeiss	410136-1073-200	Each	$7,530.66	4.0%	$7,229.43
Science Laboratory and Teaching Supplies	410136-1073-201	Confomap V8 Module Advanced Contour (D) Dimensional analysis of geometrical profiles according to ISO 1101: sizes, angles, radii, diameters, form deviations. Carry out CAD compare functions using DXF templates with automatic fit.	Carl Zeiss	410136-1073-201	Each	$7,775.69	4.0%	$7,464.66
Science Laboratory and Teaching Supplies	410136-1074-200	ConfoMap V7 Module 3D Fourier and Wavelets (D) Includes spectral analysis (FFT-based) for the study of periodicities, correlations, wavelengths and frequencies on surfaces. Also multiscale analysis of profiles and surfaces. Brings discrete wavelets filtering and continuous wavelets decomposition, with several mother wavelet type:cubic Spline, Coiflet, Morlet, Daubechies, Meyer, etc.	Carl Zeiss	410136-1074-200	Each	$3,560.96	4.0%	$3,418.52
Science Laboratory and Teaching Supplies	410136-1074-201	Confomap V8 Module Fourier and Wavelets (D) Includes spectral analysis (FFT-based) for the study of periodicities, correlations, wavelengths and frequencies on surfaces. Also multiscale analysis of profiles and surfaces. Brings discrete wavelets filtering and continuous wavelets decomposition, with several mother wavelet type: cubic Spline, Coiflet, Morlet, Daubechies, Meyer, etc.	Carl Zeiss	410136-1074-201	Each	$3,452.89	4.0%	$3,314.77
Science Laboratory and Teaching Supplies	410136-1075-200	ConfoMap V7 Module Statistics (D) Includes statistical analysis of measurement data with support for static or dynamic populations.	Carl Zeiss	410136-1075-200	Each	$2,350.79	4.0%	$2,256.76
Science Laboratory and Teaching Supplies	410136-1075-201	Confomap V8 Module Statistics (D) Includes statistical analysis of measurement data with support for static or dynamic populations.	Carl Zeiss	410136-1075-201	Each	$2,311.20	4.0%	$2,218.75
Science Laboratory and Teaching Supplies	410136-1076-200	ConfoMap V7 Module Grains and Particles (D) Includes analysis of structured surfaces containing grains, particles, pores, cells, objects, islands, etc., as well as ISO 25178 feature parameters based on segmentation by watersheds.	Carl Zeiss	410136-1076-200	Each	$6,703.55	4.0%	$6,435.41
Science Laboratory and Teaching Supplies	410136-1076-201	Confomap V8 Module Particle Analysis (D) Includes analysis of structured surfaces containing grains, particles, pores, cells, objects, islands, etc., as well as ISO 25178 feature parameters based on segmentation by watersheds.	Carl Zeiss	410136-1076-201	Each	$6,501.32	4.0%	$6,241.27
Science Laboratory and Teaching Supplies	410136-1077-201	Confomap V8 Module 4D Series (D) Visualization and analysis of surface evolution and dynamics with respect to time, temperature, magnetic field or another fourth dimension.	Carl Zeiss	410136-1077-201	Each	$5,269.75	4.0%	$5,058.96

Science Laboratory and Teaching Supplies	000000-2307-666	System configuration 1 Image with OS for HP Z6 (O) Installation of Windows 10 IoT Enterprise 2016 LTSB Embedded x64 Highend Master Image incl. Windows 10 license System configuration 1 (HP Z6 Basic)	Carl Zeiss	000000-2307-666	Each	$433.35	4.0%	$416.02
Science Laboratory and Teaching Supplies	000000-2325-868	System configuration 1 (hp Z2 Basic) (O) Installation of Windows 10 Enterprise LTSC 2019 x64 Value incl. Windows 10 licence	Carl Zeiss	000000-2325-868	Each	$572.45	4.0%	$549.55
Science Laboratory and Teaching Supplies	000000-2325-871	System Configuration 4 Windows 10 LTSC 2019 (hp Z2 LCM) (O) Installation of Windows 10 Enterprise LTSC 2019 x64 Value incl. Windows 10 licence Installation of LCM RoboSoftware and LCM/AxioVision Only for Microscopy Workstation Compact hp Z2 (410201-9911-000)	Carl Zeiss	000000-2325-871	Each	$664.47	4.0%	$637.89
Science Laboratory and Teaching Supplies	000000-2443-717	System configuration 1 for HP Z2 G5 (O) Installation of Windows 10 Enterprise LTSC 2019 x64 incl. Windows 10 license Without ZEN software installation - only for 410201-9912-000 Microscopy Workstation Compact HP Z2 G5	Carl Zeiss	000000-2443-717	Each	$689.08	4.0%	$661.52
Science Laboratory and Teaching Supplies	000000-2548-753	System Configuration 1 for HP Z2 G9 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - without ZEN Software Installation - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	000000-2548-753	Each	$686.94	4.0%	$659.46
Science Laboratory and Teaching Supplies	000000-2548-754	System Configuration 2 for HP Z2 G9 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - with system integration and ZEN software installation for respective system - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	000000-2548-754	Each	$688.01	4.0%	$660.49
Science Laboratory and Teaching Supplies	000000-2548-755	System Configuration 3 for HP Z2 G9 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - installation of ZEN Software for LSM 700 Systems - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	000000-2548-755	Each	$688.01	4.0%	$660.49
Science Laboratory and Teaching Supplies	000000-2615-589	System Configuration 1 for HP Z8 G5 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - without ZEN Software Installation - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	000000-2615-589	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	000000-2615-590	System Configuration 2 for HP Z8 G5 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - with ZEN software installation and system integration of respective system - for Celldiscoverer 7, LSM 900, LSM 980, Elyra 7, Lattice SIM, Axioscan 7, Lattice Lightsheet - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	000000-2615-590	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	000000-2615-591	System Configuration 3 for HP Z8 G5 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - installation of ZEN Software for LSM 880 and Elyra Systems (ZEN black) - only for 410203-9914-000 Microscopy Workstation PremiumHP Z8 FuryG5	Carl Zeiss	000000-2615-591	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	000000-2615-592	System Configuration 4 for HP Z8 G5 (O) Installation of Windows 10 IoT Enterprise LTSC 2021 x64 incl. Windows 10 License - With Installation of ZEN Software for Lightsheet Systems - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	000000-2615-592	Each	$690.15	4.0%	$662.54
Science Laboratory and Teaching Supplies	410201-1606-000	Memory 16 GB (1x16) DDR5-4800 (HP Z2 G9) (O) consisting of 1 x 16 GB module - DDR5 4800 MHz nonECC unbuffered DIMM - can be extended to 32GB (2 x 410201-1606-000) or 64 GB (4 x 410201-1606-000) - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	410201-1606-000	Each	$402.32	4.0%	$386.23
Science Laboratory and Teaching Supplies	410201-6401-000	Memory 64 GB (2x32) DDR5-4800 (HP Z2 G9) (O) consisting of 2 x 32 GB modules - DDR5 4800 MHz nonECC unbuffered DIMM - can be extended to max. 128 GB (2 x 410201-6401-000) - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	410201-6401-000	Each	$1,612.49	4.0%	$1,547.99

Science Laboratory and Teaching Supplies	410201-9914-000	Microscopy Workstation Compact HP Z2 G9 Rev. 2 (O) - HP Z2 Tower G9 Workstation - Chipset: Intel W680 - Memory Expansion Slots: 4 x DDR5-RAM modules, 4400MHz - Memory: max. 128 / 192 GB RAM - PCI Express Connectors: 1x PCI Express Generation 5 x16 1x PCI Express Generation 3 x4 (x16 connector) 1x PCI Express Generation 3 x4 1x PCI Express Generation 3 x1 (x4 connector) - Graphics Card onboard: Intel UHD Graphics 770 2 x Display Port 1.4 (max. 3840 x 2160 Pixel) - SSD: 1 x 512 GB M.2 NVMe - Hard disks: 1 x 8 TB SATA 7200 rpm - Network controller: 1 x GbE LAN interface (RJ 45) - USB: 4 x Type-A SuperSpeed USB 10 Gbps (front) 2 x Type-A SuperSpeed USB 10 Gbps, 1 x Type-A SuperSpeed USB 5 Gbps, 3 x Hi-Speed USB 480 Mbps (rear) - Certifications and Declarations: CE, CSA, UL, FCC, CCC, KCC - TPM BIOS selectable, default off - Power Supply 700W, wide-ranging with country specific plug - Chassis Dimensions: (H x W x D): 356 x 169 x 385 mm - USB Mouse - Rescue Kit	Carl Zeiss	410201-9914-000	Each	$2,419.27	4.0%	$2,322.50
Science Laboratory and Teaching Supplies	410203-9914-000	Microscopy Workstation Premium (HP Z8 G5) (O) HP Z8 Fury G5 Workstation - Chipset: Intel W790 - Memory Expansion Slots: 16 x DDR5, RDIMM, ECC, 4800 MHz Modules - Memory: max. 1024 GB RAM - PCI Express Connectors: 2 x PCI Express Generation5 x16 1 x PCI Express Generation 5 x4 2 x PCI Express Generation 4 x16 2 x PCI Express Generation 4 x4 1 x PCI Express Generation 3 x8 - SSD: 1 x 2 TB M.2 NVMe - Hard Drives: 2 x 12 TB SATA 7200 rpm (configured as 10 TB RAID 1hard drive) - Network Controller: 2 x GbE LAN interface (RJ 45) - USB: 2 x USB 3.2 Gen2x2 type C (front), 8 x USB 3.1 Gen 1 type A (2 x front, 6 x rear) - Certifications <(>&<)> Declarations: CE, CSA, UL, CCC, KCC - Power Supply: 100 - 240 V / 50 - 60 Hz / 1450 W with country specific plug - Chassis Dimensions: (H x W x D): 445 x 216 x 555 mm - USB Mouse, Recovery kit	Carl Zeiss	410203-9914-000	Each	$4,309.96	4.0%	$4,137.56
Science Laboratory and Teaching Supplies	410220-0400-000	Processor Intel Core i5-12500 (HP Z2 G9) (O) Default processor configuration - Intel Core i5-12500 (3.0 GHz 18 MB cache 6 cores 12 threads) - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	410220-0400-000	Each	$417.30	4.0%	$400.61
Science Laboratory and Teaching Supplies	410220-0500-000	Processor Intel Core i7-12700K (HP Z2 G9) (O) High performance processor configuration - Intel Core i7-12700K (3.6 GHz 25 MB cache 12 cores (8 performance + 4 efficient) 20 threads) - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	410220-0500-000	Each	$1,048.60	4.0%	$1,006.66
Science Laboratory and Teaching Supplies	410303-3204-000	Memory 32 GB (1x32) DDR4-2666 MHz ECC registered RAM (O) consisting of 1 x 32 GB modules	Carl Zeiss	410303-3204-000	Each	$989.75	4.0%	$950.16
Science Laboratory and Teaching Supplies	410303-3206-000	Memory 32 GB (1x32) DDR5 4800 MHz ECC reg RAM (HP Z8 G5) (O) consisting of 1 x 32 GB module - DDR5 4800 MHz ECC registered DIMM - can be extended to 64 GB (2 x 410303-3206-000), 128 GB (4 x 410303- 3206-000) or 256 GB (8 x 410303-3206-000) - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410303-3206-000	Each	$1,154.53	4.0%	$1,108.35
Science Laboratory and Teaching Supplies	410303-6401-000	Memory 64 GB (1x64) DDR5 4800 MHz ECC reg RAM (HP Z8 G5) (O) consisting of 1 x 64 GB module - DDR5 4800 MHz ECC registered DIMM - can be extended to 256 GB (4 x 410303-6401-000), 512 GB (8 x 410303-6401-000) or 1024 GB (16 x 410303-6401-000) - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410303-6401-000	Each	$2,994.93	4.0%	$2,875.13
Science Laboratory and Teaching Supplies	410323-0250-000	Solid-State-Drive SSD 256 GB M.2 (O) for performant handling of large files, e.g. driving detector systems at full bandwidth or processing of large datasets. This requires that the environment variable SWAP points to the SSD drive, thus ZEN creates the swap files there. - Capacity: 256 GB SSD - Maximum Read Transfer Rate: up to 2,15 GB/s - Maximum Write Transfer Rate: up to 1,20 GB/s - Requires one free M.2 slot	Carl Zeiss	410323-0250-000	Each	$834.60	4.0%	$801.22
Science Laboratory and Teaching Supplies	410323-0501-000	Solid-State Drive SSD 512 GB PCIe x4 (O) for performant handling of large files, e.g. driving detector systems at full bandwidth or processing of large datasets. This requires that the environment variable SWAP points to the SSD drive, thus ZEN creates the swap files there. - Capacity: 512 GB SSD - Maximum Read Transfer Rate: up to 2.15 GB/s - Maximum Write Transfer Rate: up to 1.55 GB/s - Requires one free PCI Express 3.0 x4 slot	Carl Zeiss	410323-0501-000	Each	$1,158.81	4.0%	$1,112.46

Science Laboratory and Teaching Supplies	410323-1002-000	SSD 2 TB M.2 NVMe, additional (O) - data storage with high performance for data handling with high bandwidth requirement - maximum count per workstation: 1; 2nd SATA harddisk 8 TB required - only for 410201-9913-000 Microscopy Workstation Compact HP Z2 G9	Carl Zeiss	410323-1002-000	Each	$724.39	4.0%	$695.41
Science Laboratory and Teaching Supplies	410323-2000-000	Harddisk 2 TB 7200 RPM SATA, additional (O)	Carl Zeiss	410323-2000-000	Each	$376.64	4.0%	$361.57
Science Laboratory and Teaching Supplies	410323-4000-000	Harddisk 4 TB 7200 RPM SATA, additional (O)	Carl Zeiss	410323-4000-000	Each	$958.72	4.0%	$920.37
Science Laboratory and Teaching Supplies	410323-8000-000	Hard disk drive 8 TB 7200 RPM SATA, additional (HP Z2 G5/G9) - maximum count per workstation: 1 - for Microscopy Workstation Compact HP Z2 (G5 and G9)	Carl Zeiss	410323-8000-000	Each	$585.29	4.0%	$561.88
Science Laboratory and Teaching Supplies	410324-0012-000	Hard Drive Extension 12TB RAID10 (hp Z6 G4 Rev. 2) (O) - Extension of default RAID system - Increase capacity from 6 TB (RAID 1) to 12 TB (RAID 10) - Speed up write and read transfer rates - Recommended for applications generating large amount of data and / or high data transfer rates, e.g. processing of large datasets or driving detector systems at full bandwidth - only for 410203-9912-000 Microscopy Workstation Premium hp Z6 G4 Rev. 2	Carl Zeiss	410324-0012-000	Each	$972.63	4.0%	$933.72
Science Laboratory and Teaching Supplies	410324-0020-000	Hard Drive Extension to 20TB RAID10 (HP Z8 G5) - Extension of default RAID system - Increase capacity from 10 TB (RAID 1) to 20 TB (RAID 10) - Speed up write and read transfer rates - Recommended for applications generating large amount of data and / or high data transfer rates, e.g. processing of large datasets or driving detector systems at full bandwidth - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410324-0020-000	Each	$1,462.69	4.0%	$1,404.18
Science Laboratory and Teaching Supplies	410324-1004-000	SSD 4 TB M.2 NVMe, additional solid state drive (HP Z8 G5) (O) - Data storage with high performance for data handling with high bandwidth requirement - Maximum count per workstation: 1 - only for 410203-9914-000 Microscopy Workstation Premium HP Z8Fury G5	Carl Zeiss	410324-1004-000	Each	$770.40	4.0%	$739.58
Science Laboratory and Teaching Supplies	410330-1100-000	Processor Intel Xeon W5-3425 (HP Z8 G5) (O) Default processor configuration - Intel Xeon W5-3425 (3.2 GHz, 30 MB cache, 12 cores) - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410330-1100-000	Each	$2,183.87	4.0%	$2,096.52
Science Laboratory and Teaching Supplies	410331-1400-000	Graphics Card NVIDIA Quadro K620 2 GB DP/DVI (O) Professional graphics card for Compact Workstation - 2 GB DDR3 memory - PCI Express® 2.0 Interface x16 - Hardware acceleration of DirectX® 11.2 and OpenGL® 4.5 - Support for two displays (DH) - Display outputs: 1 x DisplayPort 1.2, 1 x Dual Link DVI - Dual Link DVI support for 1 x 30" Display (2560 x 1600 pixel) - DisplayPort support for 1 x 32" Display (3840 x 2160 pixel) - incl. DVI-DVI dual link cable (for 2 x 27" Display)	Carl Zeiss	410331-1400-000	Each	$563.89	4.0%	$541.33
Science Laboratory and Teaching Supplies	410331-1600-000	Graphics Card NVIDIA Quadro M6000 24 GB DP (O) Professional graphics card for Mid-Range/High-End Workstation - 24 GB GDDR5 memory - PCI Express® 3.0 Interface x16 - Hardware acceleration of DirectX® 12 and OpenGL® 4.5 - Support for up to four displays - Display outputs: 4 x DisplayPort 1.2, 1 x DVI-I dual link - DisplayPort support for 4 x 32" Display (3840 x 2160 pixel)	Carl Zeiss	410331-1600-000	Each	$12,299.65	4.0%	$11,807.66
Science Laboratory and Teaching Supplies	410331-2800-000	Graphics Card NVIDIA RTX A4000 16 GB DP (O) Professional graphics card for Microscopy Workstation - 16 GB GDDR6 memory - PCI Express 4.0 Interface x16 - Hardware acceleration of DirectX 12.07, OpenGL 4.68 and CUDA - Support for up to four displays - Display outputs: 4 x DisplayPort 1.4a (DP) - DisplayPort support for 4 x 32" Display (3840 x 2160 Pixel)	Carl Zeiss	410331-2800-000	Each	$2,181.73	4.0%	$2,094.46
Science Laboratory and Teaching Supplies	410331-2900-000	Graphics Card NVIDIA RTX A5000 24 GB DP (O) Professional graphics card for Microscopy Workstation - 24 GB GDDR6 memory - PCI Express 4.0 Interface x16 - Hardware acceleration of DirectX 12.07, OpenGL 4.68 and CUDA - Support for up to four displays - Display outputs: 4 x DisplayPort 1.4a (DP) - DisplayPort support for 4 x 32" Display (3840 x 2160 Pixel)	Carl Zeiss	410331-2900-000	Each	$8,340.65	4.0%	$8,007.02

Science Laboratory and Teaching Supplies	410350-2406-000	Monitor TFT 24" HP Z24n G2 (61 cm) (O) Visible diagonal: 60.96 cm, 16:10 Max. resolution: 1920 x 1200 pixel @ 60 Hz Brightness: 300 cd/m2 Contrast: 1000:1 Viewing angle: horizontal 178 degree, vertical 178 degree 3 x Video input: DisplayPort 1.2, DVI-D, HDMI 1.4 3 x USB 3.0, 2 x USB 3.1 Type-C Power consumption: Maximum 92 W, Typical 40 W, Power Saving 0.5 W Dimensions with stand (H x W x D): 50.3 cm x 53.2 cm x 21.4 cm Weight: 7.2 kg (incl. stand) Ergonomic features: Tilt: -5°to +22°, swivel: -45° to +45°, height adjustable 15 cm, Pivot rotation 90° Certification and compliance: CE, CSA, GS, TÜV, FCC, TCO Operating voltage: 100-240 V, country-specific power cable	Carl Zeiss	410350-2406-000	Each	$752.21	4.0%	$722.12
Science Laboratory and Teaching Supplies	410350-2408-000	Monitor TFT 24" HP Series 7 Pro 724pn (61 cm) (O) Visible diagonal: 61 cm, 16:10 Maximum resolution: 1920 x 1200 pixel @ 100 Hz Brightness: 350 nits Contrast: 1500:1 Viewing angle: horizontal 178 degree, vertical 178 degree Video input: DisplayPort1.2, HDMI 1.4 Data connectors: 4 x USB Type-A 5Gbps Power consumption: Maximum 69 W, Typical 36 W, Standby 0.5 W Dimensions incl. stand (H x W x D): 52.14 cm x 53.17 cm x 19.5 cm Weight incl. stand: 4.8 kg Ergonomic features:Tilt: -5°to +20°, Swivel:-45° to +45°, Height adjustable 15 cm, Pivot rotation: -90° to +90° Certification and compliance: CE, CB, GS, TÜV, FCC, TCO Operating voltage: 100-240 V, country-specific power cable	Carl Zeiss	410350-2408-000	Each	$888.10	4.0%	$852.58
Science Laboratory and Teaching Supplies	410350-2704-000	Monitor TFT 27" HP Series 7 Pro 727pk (68 cm) (O) Visible diagonal: 68 cm, 16:9 Maximum resolution: 3840 x 2160 pixel @ 60 Hz Brightness: 400 nits Contrast: 2000:1 Viewing angle: horizontal 178 degree, vertical 178 degree Video input: DisplayPort 1.4, HDMI 2.0, USB-C Data connectors: 1 x USB Type-C 10Gbps (upstream), 1 x USB Type-C 10Gbps, 5 x USB Type-A 10Gbps Power consumption: Maximum 215 W, Typical 43 W, Standby 0.5 W Dimensions incl. stand (H x W x D): 54.05 cm x 61.34 cm x 22.52 cm Weightincl. stand: 6.5 kg Ergonomic features: Tilt: -5°to +20°, Swivel: -45° to +45°, Height adjustable 15 cm, Pivot rotation: -90° to +90° Certification and compliance: CE, CB, GS, TÜV, FCC, TCO Operating voltage: 100-240 V, country-specific power cable	Carl Zeiss	410350-2704-000	Each	$1,144.90	4.0%	$1,099.10
Science Laboratory and Teaching Supplies	410350-3202-000	Monitor TFT 31,5" EIZO EV3285 (80 cm) (O) Visible diagonal: 80 cm, 16:9 Maximum resolution: 3840 x 2160 pixel Brightness: 350 cd/m² Contrast: 1300:1 Viewing angle: horizontal 178 degree, vertical 178 degree Video input: DisplayPort 1.3, 2 x HDMI 2.2 Data connectors: 1 x USB Type C (upstream), 2 x SuperSpeed USB Type-A 5Gbps Power consumption: Maximum 163 W, Typical 33 W, Standby 0.5 W Dimensions incl. stand (H x W x D): 57.6 cm x 71.7 cm x 23 cm Weight incl. stand: 11 kg Ergonomic features: Tilt: -5°to +35°, Swivel: 344°, Height adjustable 14.9 cm, Pivot rotation: not available Certification and compliance: CE, CB, TÜV, FCC, TCO Operating voltage: 100-120 V / 220-240 V, country-specific power cable	Carl Zeiss	410350-3202-000	Each	$1,846.82	4.0%	$1,772.95
Science Laboratory and Teaching Supplies	410350-3205-000	Monitor TFT 31,5" HP Series 7 Pro 732pk (80 cm) (O) Visible diagonal: 80 cm, 16:9 Maximum resolution: 3840 x 2160 Pixel @ 60 Hz Brightness: 400 nits Contrast: 2000:1 Viewing angle: horizontal 178 degree, vertical 178 degree Video input: DisplayPort1.4, HDMI 2.0, Thunderbolt 4.0 Data connectors: 1 x USB Type-C 5Gbps, 4 x USB Type-A 5Gbps, 1 x Ethernet RJ45 Power consumption: Maximum 205 W, Typical 48 W, Standby 0.5 W Dimensions incl. stand (H x W x D): 60.49 cm x 71.35 cm x 21.7 cm Weight incl.stand: 8.77 kg Ergonomic features: Tilt: -5° to +20°, Swivel: -45° to +45°, Height adjustable 15 cm, Pivot rotation: -90° to +90° Certification and compliance: CE, CB, GS, TÜV, FCC, TCO Operating voltage: 100-240 V, country-specific power cable	Carl Zeiss	410350-3205-000	Each	$1,861.80	4.0%	$1,787.33

Science Laboratory and Teaching Supplies	410350-3801-000	Monitor TFT 38" HP Series 7 Pro 738pu (95 cm) (O) Visible diagonal: 95 cm, 21:9, curved 2300R Maximum resolution: 3840 x 1600 pixel @ 60 Hz Brightness: 400 nits Contrast: 2000:1 Viewing angle: horizontal 178 degree, vertical 178 degree Video input:DisplayPort 1.4, HDMI 2.0 Data connectors: 1 x USB Type-C 10Gbps, 1 x USB Type C (upstream), 5 x USB Type-A 10Gbps Power consumption: Maximum 318 W, Typical 62 W, Standby 0.5 W Dimensions incl. stand (H x W x D): 58.1 cm x 89.44 cm x 26.69 cm Weight incl. stand: 12.25 kg Ergonomic features: Tilt: -5°to +20°, Swivel: -10° to +10°, Height adjustable 15 cm, Pivot rotation: not available Certification and compliance: CE, CB, TÜV, GS, FCC, TCO Operating voltage: 100-240 V, country-specific power cable	Carl Zeiss	410350-3801-000	Each	$3,043.08	4.0%	$2,921.36
Science Laboratory and Teaching Supplies	410358-0400-000	USB 3.0 Card PCIe EX-11094 (O) - PCIe x1 USB 3.0 Interface EX-11094 - compatibel with PCIe x1, x4, x8 and x16 slots - Single Chip Controller with 4x USB 3.0 connectors - max. data transfer rate 1 x 5 Gbit/s - compatible to USB 1.1, 2.0 und 3.0 - incl. SATA power cable and Molex power cable	Carl Zeiss	410358-0400-000	Each	$113.42	4.0%	$108.88
Science Laboratory and Teaching Supplies	410358-0401-000	USB 3.0 Card PCIe Quad Chip (O) - PCIe x4 USB 3.0 Interface U3X4-PCIE4XE101 - compatibel with PCIe x4, x8 and x16 slots - 4 separate controller chips with 4x USB 3.0 connectors - max. data transfer rate 4 x 5 Gbit/s - compatible to USB 1.1, 2.0 und 3.0 - incl. SATA power cable and Molex power cable	Carl Zeiss	410358-0401-000	Each	$508.25	4.0%	$487.92
Science Laboratory and Teaching Supplies	410358-0505-000	Network Adapter 2 x 10 GbE RJ45 (HP Z8 G5) (O) - Additional network adapter 2 x 10 GbE RJ45 (HP Z8 G5) e.g. for connection of storage systems - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410358-0505-000	Each	$307.09	4.0%	$294.81
Science Laboratory and Teaching Supplies	410361-0100-000	Cable FireWire 1394a 6pin-6pin 4 m, with right angled plug (D)	Carl Zeiss	410361-0100-000	Each	$129.47	4.0%	$124.29
Science Laboratory and Teaching Supplies	410361-1000-000	Adapter USB - 4x RS232 EX-1334V (O) with power supply via USB Bus. Interfaces: 1x USB, 4x RS232 Inclusive USB connecting cable, 2m	Carl Zeiss	410361-1000-000	Each	$132.68	4.0%	$127.37
Science Laboratory and Teaching Supplies	410361-2000-000	TPM functionality disabled for HP Z8 G5 - Disabling of TPM functionality, required e.g. for countries / customers with corresponding regulatory requirements - only for 410203-9914-000 Microscopy Workstation Premium HP Z8 Fury G5	Carl Zeiss	410361-2000-000	Each	$180.83	4.0%	$173.60
Science Laboratory and Teaching Supplies	410376-0200-000	Language Package Windows 10 Enterprise Embedded x64 English US (O) - Windows 10 IoT Enterprise 2015 LTSB Embedded x64 operating system - Keyboard with english (US) layout	Carl Zeiss	410376-0200-000	Each	$463.31	4.0%	$444.78
Science Laboratory and Teaching Supplies	410377-0200-000	Language Package Windows 7 Ultimate Embedded x64 English US (O) - Windows 7 Ultimate Embedded SP1 x64 operating system - Keyboard with english (US) layout	Carl Zeiss	410377-0200-000	Each	$615.25	4.0%	$590.64
Science Laboratory and Teaching Supplies	410380-0100-000	Language Pack German DE (O) - Keyboard with German layout	Carl Zeiss	410380-0100-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0200-000	Language Pack English US (O) - Keyboard with English (US) layout	Carl Zeiss	410380-0200-000	Each	$116.63	4.0%	$111.96
Science Laboratory and Teaching Supplies	410380-0300-000	Language Pack English UK (O) - Keyboard with English (UK) layout	Carl Zeiss	410380-0300-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0400-000	Language Pack French FR (O) - Keyboard with French layout	Carl Zeiss	410380-0400-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0500-000	Language Pack Italian IT (O) - Keyboard with Italian layout	Carl Zeiss	410380-0500-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0600-000	Language pack Swedish SE (O) - Keyboard with Swedish layout	Carl Zeiss	410380-0600-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0700-000	Language Pack Spanish ES (O) - Keyboard with Spanish layout	Carl Zeiss	410380-0700-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0800-000	Language Pack Dutch NL (O) - Keyboard with Dutch layout	Carl Zeiss	410380-0800-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-0900-000	Language Pack Polish PL (O) - Keyboard with Polish layout	Carl Zeiss	410380-0900-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-1000-000	Language Pack Belgian BE (O) - Keyboard with Belgian layout	Carl Zeiss	410380-1000-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-1100-000	Language Pack Japanese JP (O) - Keyboard with Japanese layout	Carl Zeiss	410380-1100-000	Each	$166.92	4.0%	$160.24
Science Laboratory and Teaching Supplies	410380-1200-000	Language Pack Russian RU (O) - Keyboard with Russian layout	Carl Zeiss	410380-1200-000	Each	$166.92	4.0%	$160.24

Science Laboratory and Teaching Supplies	432928-9020-000	Workstation HP Z2 G4 for Visioner 1 (O) - prepared for the operation of Visioner 1 - CPU: Intel Core i3-8100 3.6 GHz 4 cores 4 threads - Chipset: Intel C246 - Memory: 32 GB (2x16) DDR4-2666 MHz non-ECC unbuffered RAM - PCI Express Connectors: 1 x PCI Express Generation 3 x16 1 x PCI Express Generation 3 x4 2 x PCI Express Generation 3 x1 - Graphics card onboard: Intel UHD Graphics 630 2 x Display Port 1.2 (max. 3840 x 2160 Pixel) - additional graphics card NVIDIA Quadro P400 2GB mDP - SSD: 1 x 256 GB M.2 NVMe - Harddisks: 1 x 6 TB SATA 7200 rpm - Optical storage: DVD +/- RW recorder for rewritable media - Network controller: 1 x GbE LAN interface integrated - I/O: 6 x USB 3.0 Type A (2 x front, 4 x rear), 2 x USB 2.0 (rear) - Certifications <(>&<)> declarations: CE, CSA, UL, FCC, CCC, KCC - Power supply: 100 - 127 V / 200 - 240 V / 50 - 60 Hz / 500 W, with country specific plug - Chassis dimensions: (H x W x D): 435 x 169 x 356 mm - USB mouse - Keyboard with English (US) layout - Rescue kit - System configuration 1 (hp Z2 Basic): Installation of Windows 10 Enterprise LTSC 2019 x64 Value, incl. Windows 10 licence	Carl Zeiss	432928-9020-000	Each	$4,776.48	4.0%	$4,585.42
Science Laboratory and Teaching Supplies	432928-9021-000	Workstation HP Z2 G5 for Visioner 1 (O) - prepared for the operation of Visioner 1 - HP Z2 Tower G5 Workstation - CPU: Intel Core i9-10900K (3.7 GHz 20 MB cache 10 cores 20 threads) - Chipset: Intel W480 - Memory Expansion Slots: 4 x DDR4-RAM modules, 3200 MHz non-ECC - Memory: 32 GB (2x16) DDR4-2666 MHz non-ECC unbuffered RAM - PCI Express Connectors: 1 x PCI Express Generation 3 x16 1 x PCI Express Generation 3 x4 2 x PCI Express Generation 3 x1 - Graphics card onboard: Intel UHD Graphics 630 2 x Display Port 1.4 (max. 3840 x 2160 Pixel) - additional graphics card NVIDIA Quadro P1000 4 GB mDP - SSD: 1 x 512 GB M.2 NVMe - Hard disks: 1 x 8 TB SATA 7200 rpm - Optical Storage: DVD +/- RW recorder for rewriteable media - Network Controller: 1 x GbE LAN interface (RJ 45) - I/O: 2 x Type-A SuperSpeed USB 5 Gbps, 2 x Type-A SuperSpeed USB 10 Gbps (front), 2 x Hi-Speed USB 480 Mbps, 2 x Type-A SuperSpeed USB 10 Gbps, 2 x Type-A SuperSpeed USB 5 Gbps (rear) - Certifications<(>&<)> Declarations: CE, CSA, UL, FCC, CCC, KCC - Power Supply: 700W wide-ranging with country specific plug - Chassis Dimensions: (H x W x D): 356 x 169 x 385mm - USB Mouse - Keyboard with English (US) layout - Rescue kit - System configuration 1 (hp Z2Basic): Installation of Windows 10 Enterprise LTSC 2019 x64 Value, incl. Windows 10 licence	Carl Zeiss	432928-9021-000	Each	$7,300.61	4.0%	$7,008.59
Science Laboratory and Teaching Supplies	410201-1603-000	Memory 16 GB (1x16) DDR4-2133 MHz non-ECC unbuffered RAM (O) consisting of 1 x 16 GB module	Carl Zeiss	410201-1603-000	Each	$359.52	4.0%	$345.14
Science Laboratory and Teaching Supplies	410303-0802-000	Memory 8 GB (2x4) DDR3-1600 MHz ECC registered RAM (O) consisting of 2 x 4 GB modules	Carl Zeiss	410303-0802-000	Each	$358.45	4.0%	$344.11
Science Laboratory and Teaching Supplies	410303-1602-000	Memory 16 GB (2x8) DDR3-1600 MHz ECC registered RAM (O) consisting of 2 x 8 GB modules	Carl Zeiss	410303-1602-000	Each	$468.66	4.0%	$449.91
Science Laboratory and Teaching Supplies	410303-1603-000	Memory 16 GB (1x16) DDR4-2133 MHz ECC registered RAM (O) consisting of 1 x 16 GB module	Carl Zeiss	410303-1603-000	Each	$541.42	4.0%	$519.76
Science Laboratory and Teaching Supplies	410303-3202-000	Memory 32 GB (2x16) DDR3-1600 MHz ECC registered RAM (O) consisting of 2 x 16 GB modules	Carl Zeiss	410303-3202-000	Each	$1,140.62	4.0%	$1,095.00
Science Laboratory and Teaching Supplies	410303-3203-000	Memory 32 GB (2x16) DDR4-2133 MHz ECC registered RAM (O) consisting of 2 x 16 GB modules	Carl Zeiss	410303-3203-000	Each	$1,077.49	4.0%	$1,034.39
Science Laboratory and Teaching Supplies	000000-2147-606	30m Patch Cable CAT7	Carl Zeiss	000000-2147-606	Each	$289.97	4.0%	$278.37
Science Laboratory and Teaching Supplies	000000-0544-791	FireWire Cable 1394b 9pin-9pin 5 m (D)	Carl Zeiss	000000-0544-791	Each	$129.47	4.0%	$124.29
Science Laboratory and Teaching Supplies	400103-9950-000	Camera ORCA Fusion w/adapter sCMOS camera with 82% peak QE and 6.5 um pixel size	Carl Zeiss	400103-9950-000	Each	$29,988.89	4.0%	$28,789.33
Science Laboratory and Teaching Supplies	426506-0002-000	AxioCam FireWire HS/MRc5/HR/MR-Rev.3 Trigger Cable Set TL/RL (D) for direct shutter synchronization using Ludl, Uniblitz, VIS-LED, HXP Trigger Cable or microscope internal control	Carl Zeiss	426506-0002-000	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	426513-9001-000	Camera Set 3CCD Hitachi HV-F203SCL (O) High-End 3CCD progresive scan color camera. including Camera Link frame grabber PCIe x4 and trigger cable for Axio Scan included Sensor Resolution: 1600 (H) x 1200 (V) Frame Rate: 30 frames/s RGB 12 bit Sensitivity: 2000 Lux /F8 Gamma: switchable Electronic Shutter: 1/30 to 1/100 000 s Size / Weight (camera): appr. 8.9 cm x 5.5 cm x 5.5 cm / 0.37 kg	Carl Zeiss	426513-9001-000	Each	$17,828.34	4.0%	$17,115.21

Science Laboratory and Teaching Supplies	426513-9013-000	Camera-Set Orca Flash 4.0 V3 for Axioscan / Celldiscoverer 7 (O) High-End monochrome with digital interface Camera Link frame grabber PCIe x8 and trigger cable set for Axio Scan included Number of Pixels: 2048 (H) x 2048 (V) = 4 Mega pixel Pixel size: 6.5 µm x 6.5 µm Chip size: 13.31 mm x 13.31 mm equivalent to 1" Spectral range: app. 350 to 1000 nm Max. Full Well Capacity: Approx. 30.000 e Live frame rates (depending on hardware and software configuration): H x V Binning Factor Frame Rate@20ms 2048 x 2048 1 100 Digitization: 16 Bit Dynamic Range: Typical 33000 : 1 at 1.3 e readout noise Dark current: ca. 0.5 e/p/s Integration Time: 10 µs to 10 s Cooling: Air cooling at -10°C Size / Weight: App. 13 cm x 8.5 cm x 8.5 cm / 6 Kg	Carl Zeiss	426513-9013-000	Each	$38,602.39	4.0%	$37,058.29
Science Laboratory and Teaching Supplies	426555-9010-000	Microscopy Camera Axiocam 105 color R2 with driver software 64bit, USB 3.0 connection cable 3.0 m Sensor: CMOS color sensor Basic resolution: 2592 (H) x 1944 (V) = 5.0 Megapixel Pixel size: 2.2 µm x 2.2 µm Chip size: 5.70 mm x 4.28 mm, equivalent to 1/2.24" (diagonal 7.13 mm) Live frame rates (depending on hardware and software configuration): H x V Frame Rate@1ms 2592 x 1944 30fps Frame rates for time series recording (depending on hardware and software configuration): H x V Frame Rate@1ms 2592 x 1944 17fps Readout of Sensor Sub-Regions ("ROI"): Adjustable (min. ROI: H x V: 864 x 1) Digitization: 3 x 8 Bit / Pixel Integration Time: 30 µs up to 1 s Interface (camera): USB 3.0 Micro-B Interface (PC / board): USB 3.0 Standard A Spectral range: Approx. 400 nm - 650 nm, IR filter Read-out mode: Progressive Optical Interface: C-Mount (adapter 0.5x recommended) Size / Weight: approx. 2.9 cm x 2.9 cm x 1.7 cm / approx. 60 g Housing: Zinc Alloy, Zinc Z410 Registration: CE, FCC Class B, RoHS Power Supply: via USB 3.0 interface, max. 0.5 - 1 W (5 V, max. 400mA) Environmental conditions: 0° ... +50° Celsius, max. 80% relative air humidity, no condensation, free air circulation required Supported Operating Systems: for ZEN: Windows 10 x64 Supported Application Software: ZEN 3.5 (Hotfix 5, blue edition) or higher, ZEN core v3.4 (Hotfix 4) or higher The required application software is available via the ZEISS Download Center.	Carl Zeiss	426555-9010-000	Each	$1,545.08	4.0%	$1,483.28
Science Laboratory and Teaching Supplies	426557-0001-000	Trigger Cable Set Axiocam 5xx/7xx/8xx (D) for direct shutter synchronization using trigger board with signal distribution box, Colibri or HXP 120 V	Carl Zeiss	426557-0001-000	Each	$539.28	4.0%	$517.71
Science Laboratory and Teaching Supplies	426557-0100-000	Cable Dual USB 3.0/USB 2.0 angled 3 m (D) one side angled for use on Axiocam 5xx/7xx	Carl Zeiss	426557-0100-000	Each	$127.33	4.0%	$122.24

Science Laboratory and Teaching Supplies	426558-0000-000	Microscopy Camera Axiocam 503 color (D) High Performance microscopy camera incl. driver software 64bit, USB 3.0 PCIe x1 interface, dual USB 3.0/USB 2.0 cable 3 m and IR barrier filter BG 40 (coated) Number of Pixels: 1936 (H) x 1460 (V) = 2.8 Mega Pixels Pixel size: 4.54 µm x 4.54 µm Chip size: 8.8 mm x 6.6 mm, equivalent to 2/3" (11 mm diagonal) Spectral range: With IR barrier filter app. 400 nm to 720 nm Max. Full Well Capacity: Approx. 15.000 e Selectable Resolution: H x V Binning Factor 1936 x 1460 1x1 Basic Resolution 968 x 728 2x2 Monochrome 640 x 484 3x3 Color/Monochrome 480 x 364 4x4 Monochrom 384 x 292 5x5 Color/Monochrom Selectable color interpolation quality levels: "High Speed Color" for fastest processing speed or "High Quality Color" for best interpolation results High Quality Black and White conversion mode. Live frame rates (depending on hardware and software configuration): Exp. Time 10ms, color enhancement off, 39 Mhz pixel clock, Quadport Readout H x V Binning Factor Frame Rate, 1936 x 1460 1 38 640 x 484 3 76 384 x 292 5 93 Frame rates for time series recording Continuous Mode with 39 Mhz pixel clock and QuadPort Readout (depending on computer hardware and software configuration) H x V Binning Factor Frame Rate 1936 x 1460 1 38 968 x 728 2 61 640 x 484 3 76 480 x 364 4 87 384 x 292 5 93 Timelapse recording with "Burst Mode"-function Readout of Sensor Sub-Regions ("ROI"): Adjustable Digitization: 14 Bit / 39 MHz or 13 MHz pixel clock Dynamic Range: Typical >2500: 1 (>68 dB) at typ. < 6.5 e readout noise Dark current: ca. 0.06 e/p/s Integration Time: 1 ms to 60 s Cooling: One stage Peltier cooling, regulated to 18°C sensor temperature, Additional digital dark current compensation, Calibrated color space optimization, Eight pre-loadable sets of imaging parameters for speed	Carl Zeiss	426558-0000-000	Each	$8,088.13	4.0%	$7,764.60
Science Laboratory and Teaching Supplies	426560-5001-000	Cable USB 3.0 angled 3 m (D) - One side angled for use with Axiocam 305 on stereomicroscopes with a central column - This cable cannot be used with Axiocam 5xx/7xx	Carl Zeiss	426560-5001-000	Each	$110.21	4.0%	$105.80
Science Laboratory and Teaching Supplies	426560-9030-000	Microscopy Camera Axiocam 305 color (D) Microscopy camera incl. Driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter Hoya C5000 (coated) Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel color Sensor type: SONY IMX264 Exmor Pregius Global Shutter CMOS Pixel size: 3.45 #m x 3.45 #m Chip size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral range: With IR barrier filter app. 400 nm to 720 nm Full Well Capacity: Approx. 10,500 e Selectable Resolution: H x V Binning Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608 x 514 4x4 480 x 410 5x5 H x V Subsampling Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 Live frame rates (depending on hardware and software configuration): H x V Frame Rate@1ms 2464 x 2056 36 fps 1232 x 1028 88 fps (2x2 Subsampling) Frame rates for time series recording (depending on computer hardware and software configuration) H x V (ROI) Frame Rate 2464 x 2056 36 fps 2048 x 2048 36 fps 1920 x 1080 67 fps 1024 x 1024 70 fps 512 x 512 136 fps 256 x 256 255 fps 128 x 128 456 fps Readout of Sensor Sub-Regions ("ROI"): Adjustable Digitization: 8 and 12 Bit / Pixel Dynamic Range: Typical > 4800 : 1 (>73 dB) at typ. 2.2 e readout noise Dark current: < 1.0 e/p/s @ 25°C Integration Time: 0.1 ms to to 4 s Cooling: Temperature stable @ 25°C for ambient temperatures between 18°C and 30°C Status-LED for Camera: color coded operation status, dimmable, Interface (camera): USB 3.0 interface Optional operation with USB 2.0 connection at reduced frame rate Optical Interface: C-Mount Thread depth for objectives: max. 5 mm Size / Weight: approx. App. 10.8 cm x 7.8 cm x 4.3 cm (2.3"x3.2"x1.7") / 580 g Housing: blue anodized aluminum, with cooling fins on top, 1/4" photo	Carl Zeiss	426560-9030-000	Each	$4,438.36	4.0%	$4,260.83

Science Laboratory and Teaching Supplies	426560-9040-000	Microscopy Camera Axiocam 305 mono (D) Microscopy camera incl. driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and BK7 protection glass (coated) Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel color Sensor type: SONY IMX264 Exmor Pregius Global Shutter CMOS Pixel size: 3.45 µm x 3.45 µm Chip size: 8.5 mm x 7.1 mm, equivalent to diagonal 11.1 mm (2/3" form factor) Spectral range: app. 350 nm to 1000 nm Full Well Capacity: Approx. 10,500 e Selectable Resolution: H x V Binning Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608 x 514 4x4 480 x 410 5x5 H x V Subsampling Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 Live frame rates (depending on hardware and software configuration): H x V Frame Rate@1ms 2464 x 2056 36 fps 1232 x 1028 88 fps (2x2 Subsampling) Frame rates for time series recording (depending on computer hardware and software configuration) H x V (ROI) Frame Rate 2464 x 2056 36 fps 2048 x 2048 36 fps 1920 x 1080 67 fps 1024 x 1024 70 fps 512 x 512 136 fps 256 x 256 255 fps 128 x 128 456 fps Readout of Sensor Sub-Regions ("ROI"): Adjustable Digitization: 8 and 12 Bit / Pixel Dynamic Range: Typical > 4800 : 1 (>73 dB) at typ. 2.2 e readout noise Dark current: < 1.0 e/p/s @ 25°C Integration Time: 0.1 ms to 4 s Cooling: Temperature stable @ 25°C for ambient temperatures between 18°C and 30°C Status-LED for Camera: color coded operation status, dimmable Interface (camera): USB 3.0 interface Optional operation with USB 2.0 connection at reduced frame rate Optical Interface: C-Mount Thread depth for objectives: max. 5 mm Size / Weight: approx. App. 10.8 cm x 7.8 cm x 4.3 cm (2.3"x3.2"x1.7") / 580 g Housing: blue anodized aluminum, with cooling fins on top, 1/4" photo thread for tripod mount Registration: CE	Carl Zeiss	426560-9040-000	Each	$5,896.77	4.0%	$5,660.90
Science Laboratory and Teaching Supplies	426560-9051-000	Microscopy Camera Axiocam 705 color R2 (D) High Performance microscopy camera incl. driver software 64 bit USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter (coated) Sensor Type: SONY IMX250 Exmor CMOS, SONY Pregius Global Shutter Color filter array Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel Pixel Size: 3.45 µm x 3.45 µm Chip Size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral Range: With IR barrier filter approx. 400 nm to 720 nm Full Well Capacity: Approx. 11,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution (color and monochrome): H x V Binning Factor (1x1 to 5x5 digital) 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608 x 514 4x4 480 x 410 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor 2464 x 2056 1x1 1232 x 1028 2x2 Live Frame Rate: (1 ms exposure, default setting Fast Mode) H x V Frame Rate (fps) 1232 x 1028 30 Frame Ratesfor TimeSeries Recording: (1 ms exposure, further depending on hardware and software configuration) H x V (ROI) Frame Rate (fps) 2464 x 2056 60 1920 x 1080 115 1232 x 1028 173 (2x2 subsampling, full field of view) 1024 x 1024 121 512 x 512 235 1920 x 256 436 Read Noise Full Well Capacity Dynamic Range (at gain) 2.20e (1x) 11,000 e 1:5000 1.74 e (2x) 5,000 e 1:3100 1.48 e (4x) 2,700 e 1:1800 1.29 e (8x) 1,300 e 1:1300 1.15 e (16x) 690 e 1: 600 HDR Mode Dynamic Range 1:25,000 Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, adjustable over or under-exposure mode, optional measurement on defined target area (spot-meter), adjustable color saturation, White balance adjustment interactive or automatic mode with selectable	Carl Zeiss	426560-9051-000	Each	$8,518.27	4.0%	$8,177.54

Science Laboratory and Teaching Supplies	426560-9061-000	Microscopy Camera Axiocam 705 mono R2 (D) High Performance microscopy camera incl. driver software 64 bit USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and protection glass (wideband coated) Sensor Type: SONY IMX250 Exmor CMOS, SONY Pregius GlobalShutter Monochrome Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel Pixel Size: 3.45 µm x 3.45 µm Chip Size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral Range: With protection glass approx. 350 nm to 1000 nm Full Well Capacity: Approx. 11,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (1x1 to 5x5 digital) 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608 x 514 4x4 480 x 410 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor 2464 x 2056 1x1 1232 x 1028 2x2 Live Frame Rates: (1 ms, exposure, default setting) H x V Frame Rate (fps) 2464 x 2056 30 Frame Rates for Time Series Recording: (at 1 ms exposure, further depending hardware and software configuration) H x V (ROI) Frame Rate (fps) 2464 x 2056 60 1920 x 1080 115 1232 x 1028 173 (2x2 subsampling, full field of view) 1024 x 1024 121 512 x 512 235 1920 x 256 436 Read Noise Full Well Capacity Dynamic Range (at gain) 2.20e (1x) 11,000 e 1:5000 1.74 e (2x) 5,000 e 1:3100 1.48 e (4x) 2,700 e 1:1800 1.29 e (8x) 1,300 e 1:1300 1.15 e (16x) 690 e 1: 600 HDR Mode Dynamic Range 1:25.000 # Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, adjustable over or under-exposure mode, optional measurement on defined target area (spot-meter) Readout of Sensor Sub Regions ("ROI"): Adjustable Digitization: 8, 12, 14 bit / pixel (8 out of 14 bit or compression mode) Dark	Carl Zeiss	426560-9061-000	Each	$10,342.62	4.0%	$9,928.92
Science Laboratory and Teaching Supplies	426560-9071-000	Microscopy Camera Axiocam 705 pol R2 (D) High Performance microscopy camera incl. driver software 64 bit USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and protection glass (wideband coated) Sensor Type: SONY IMX250 MZ Exmor CMOS, SONY Pregius Global Shutter Monochrome with 2x2 pixel specific polarization filter mask (90°, 45°, 135°, 0°) Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel Pixel Size: 3.45 µm x 3.45 µm Chip Size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral Range: With protection glass approx. 350 nm to 1000 nm Full Well Capacity: Approx. 11,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (1x1) 2464 x 2056 1x1 Basic Resolution 816 x 684 3x3 480 x 410 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) Live Frame Rates: (1 ms exposure, default setting, simplified color coding) H x V Frame Rate (fps) 2464 x 2056 25 (1ms exposure time, ROI 1920 x 1080, standard color coding) H x V Frame Rate (fps) 1920 x 1080 5,5 Read Noise Full Well Capacity Dynamic Range (at gain) 2.20 e (1x) 11,000 e 1:5000 1.74 e (2x) 5,000 e 1:3100 1.48 e (4x) 2,700 e 1:1800 1.29 e (8x) 1,300 e 1:1300 1.15 e (16x) 690 e 1: 600 Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, adjustable over or under-exposure mode, optional measurement on defined target area (spot- meter) Readout of Sensor Sub Regions ("ROI"): Adjustable Digitization: 8, 12, 14 bit / pixel (8 out of 14 bit or compression mode) Dark Current: <0.5 e/p/s @ 18 °C sensor temperature Cooling: Stabilized temperature to 18 °C (for ambient temperatures from 18 °C to 30 °C) Exposure Time Range: 0.1ms to 60 s Hardware Trigger: Trigger-In for exposure time control, Trigger-Out for exposure time,	Carl Zeiss	426560-9071-000	Each	$12,929.88	4.0%	$12,412.68

Science Laboratory and Teaching Supplies	426560-9081-000	Microscopy Camera Axiocam 712 color R2 High Performance microscopy camera incl. driver software 64 bit USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter (coated) Sensor Type: SONY IMX304 Exmor CMOS, SONY Pregius Global Shutter Color filter array Number of Pixels: 4096 (H) x 3008 (V) = 12 Mega pixel Pixel Size: 3.45 µm x 3.45 µm Chip Size: 14.1 mm x 10.4 mm, equivalent to 1" (diagonal 17.5 mm) Spectral Range: With IR barrier filter approx. 400 nm to 720 nm Full Well Capacity: Approx. 11,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution (color and monochrome): H x V Binning Factor (1x1 to 5x5 digital) 4096 x 3008 1x1 Basic Resolution 2048 x 1504 2x2 1365 x 1002 3x3 1024 x 752 4x4 819 x 601 5x5 H x V Subsampling Factor 4096 x 3008 1x1 2048 x 1504 2x2 Live Frame Rates: (1 ms exposure, default setting Fast Mode) H x V Frame Rate (fps) 2048 x 1504 30 Frame Rates for Time Series Recording: (1 ms exposure, further depending on hardware and software configuration) H x V (ROI) Frame Rate (fps) 4096 x 3008 23 2048 x 1504 46 (2x2 subsampling, full field of view) 1920 x 1080 63 1024 x 1024 66 1920 x 256 241 1920 x 128 431 Read Noise Full Well Capacity Dynamic Range (at gain) 2.20 e (1x) 11,000 e 1:5000 1.74 e (2x) 5,000e 1:3100 1.48 e (4x) 2,700 e 1:1800 1.29 e (8x) 1,300 e 1:1300 1.15 e (16x) 690 e 1: 600 HDR Mode Dynamic Range 1:25,000 Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, Adjustable over or under-exposure mode, Optional measurement on defined target area (spot-meter), Adjustable color saturation, White balance adjustment interactive or automatic mode with selectable target white balance color (warmer / colder), Readout of Sensor Sub Regions ("ROI"): Adjustable	Carl Zeiss	426560-9081-000	Each	$12,455.87	4.0%	$11,957.64
Science Laboratory and Teaching Supplies	426560-9091-000	Microscopy Camera Axiocam 712 mono R2 (D) High Performance microscopy camera incl. driver software 64 bit USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and protection glass (wideband coated) Sensor Type: SONY IMX304 Exmor CMOS, SONY Pregius GlobalShutter Monochrome Number of Pixels: 4096 (H) x 3008 (V) = 12 Mega pixel Pixel Size: 3.45 µm x 3.45 µm Chip Size: 14.1 mm x 10.4 mm, equivalent to 1" (diagonal 17.5 mm) Spectral Range: With protection glass approx. 350 nm to 1000 nm Full Well Capacity: Approx. 11,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (1x1 to 5x5 digital) 4096 x 3008 1x1 Basic Resolution 2048 x 1504 2x2 1365 x 1002 3x3 1024 x 752 4x4 819 x 601 5x5 H x V Subsampling Factor 4096 x 3008 1x1 2048 x 1504 2x2 Live FrameRates: (1 ms exposure, default setting) H x V Frame Rate (fps) 4096 x 3008 23 Frame Rates for Time Series Recording: (1 ms exposure, further depending on hardware and software configuration) H x V (ROI) Frame Rate (fps) 4096 x 3008 23 2048 x 1504 46 (2x2 subsampling, full field of view) 1920 x 1080 63 1024 x 1024 66 1920 x 256 241 1920 x 128 431 Read Noise Full Well Capacity Dynamic Range (at gain) 2.20 e (1x) 11,000 e 1:5000 1.74 e (2x) 5,000 e 1:3100 1.48 e (4x) 2,700 e 1:1800 1.29 e (8x) 1,300 e 1:1300 1.15 e (16x) 690 e 1: 600 HDR Mode Dynamic Range 1:25,000 # Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, adjustable over or under-exposure mode, optional measurement on defined target area (spot- meter) Readout of Sensor Sub Regions ("ROI"): Adjustable Digitization: 8, 12, 14 bit / pixel (8 out of 14 bit or compression mode) Dark Current: < 0.5 e/p/s @18 °C sensor temperature Cooling: Stabilized temperature to 18	Carl Zeiss	426560-9091-000	Each	$12,456.94	4.0%	$11,958.66

Science Laboratory and Teaching Supplies	426560-9150-000	Microscopy Camera Axiocam 807 color (D) High performance microscopy color camera incl. driver software 64bit, interface card USB 3.1 Gen2 PCIe x4, dual USB 3.0 cable 3 m Sensor Type: CMOS, Color filter array, Global Shutter, Sony IMX420 Number of Pixels: 3216 (H) x 2208 (V) = 7.1 Mega Pixels Pixel Size: 4.5 µm x 4.5 µm Chip Size: 14.5 mm x 9.9 mm, equivalent to 1.1" (17,6 mm diagonal) Spectral Range: With IR barrier filter approx. 400 nm to 720 nm Full Well Capacity: Approx. 25,000 e- at gain 1x(typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (digital) 3216 x 2208 1x1 basic pixel count 1608 x 1104 2x2 1072 x 736 3x3 884 x 552 4x4 643 x 441 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor (full field of view) 3216 x 2208 1x1 1608 x 1104 2x2 Live frame rates (depending on hardware and software configuration): Exp. Time 1ms H x V Frame Rate 3216 x 2208 >30 fps (High Res mode) 1602 x 1104 >30 fps (Fast Mode,reducedCPUload) Frame rates for time series recording (1 ms exposure, further depending on Sensor ROI, hardware and software configuration) H x V (ROI) Frame Rate (fps) 3216 x 2208 73 1929 x 1080 145 1602 x 1104 260 (2x2 subsampling; full field of view) 1024 x 1024 151 512 x 512 282 1920 x 256 487 Read Noise Full Well Capacity Dynamic Range (at gain) 5.7 e (1x) 25,000 e 1:4420 4.6 e (2x) 12,500 e 1:2730 3.9 e (4x) 6,250 e 1:1610 3.4 e (8x) 3,125 e 1:..930 2.9 e (16x) 1,500 e 1: 530 Low Noise Mode: 4.0 e 25,000 e 1:6230 Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, Adjustable over or under-exposure mode, Optional measurement on defined target area (spot-meter), Adjustable color saturation, White balance	Carl Zeiss	426560-9150-000	Each	$12,452.66	4.0%	$11,954.55
Science Laboratory and Teaching Supplies	426560-9160-000	Microscopy Camera Axiocam 807 mono (D) High performance microscopy monochrome camera incl. driver software 64bit, Interface card USB 3.1 Gen2 PCIe x4, dual USB 3.0 cable 3 m Sensor Type: CMOS, monochrome, Global Shutter, Sony IMX420 Number of Pixels: 3216 (H) x 2208 (V) = 7.1 Mega Pixels Pixel Size: 4.5 µm x 4.5 µm Chip Size: 14.5 mm x 9.9 mm, equivalent to 1.1" (17,6 mm diagonal) Spectral Range: With protection glass, 350 nm to 1000 nm Peak QE: 78% @ 520 nm (typ.) Full Well Capacity: Approx. 25,000 e- at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (digital) 3216 x 2208 1x1 basic pixel count 1608 x 11042x2 1072 x 991 3x3 884 x 743 4x4 643 x 594 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor (full field of view) 3216x2208 1x1 1608 x 1104 2x2 Live frame rates (depending on hardware and software configuration): Exp. Time 1ms H x V Frame Rate 3216 x 2208 >30 fps (High Res mode) 1602 x 1104>30 fps (Fast Mode, reduced CPU load) Frame rates for time series recording (1 ms exposure, further depending on sensor ROI, hardware and software configuration) H x V (ROI) Frame Rate (fps) 3216 x 2208 73 1929 x 1080 145 1608 x 1104 260 (2x2 subsampling; full field of view) 1024 x 1024 151 512 x 512 282 1920 x 256 487 Read Noise Full Well Capacity Dynamic Range (at gain) 5.7 e (1x) 25,000 e 1:4420 4.6 e (2x) 12,500 e 1:2730 3.9 e (4x) 6,250 e 1:1610 3.4 e (8x) 3,125 e 1: 930 2.9 e (16x) 1,500 e 1: 530 Low Noise Mode: 4.0 e 25,000 e 1:25,000 SoftwareSupported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, Adjustable over or under-exposure mode, Optional measurement on defined target area (spot-meter), Image	Carl Zeiss	426560-9160-000	Each	$12,940.58	4.0%	$12,422.96

Science Laboratory and Teaching Supplies	426560-9180-000	Microscopy Camera Axiocam 820 color High performance microscopy color camera incl. driver software 64bit, Interface card USB 3.1 Gen2 PCIe x4, dual USB 3.0 cable 3 m Sensor Type: CMOS, Sony IMX 541, Color Filter Array, Global Shutter, Backside Illuminated Number of Pixels: 4512 (H) x 4512 (V) = 20.3 Mega Pixels Pixel Size: 2.74 µm x 2.74 µm Chip Size: 12.4 mm x 12.4 mm (square field of view), equivalent to 1.1" (17,4 mmdiagonal) Spectral Range: With IR barrier filter approx. 400 nm to 720 nm Full Well Capacity: Approx. 10,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (digital) 4512 x 4512 1x1 basic pixel count 2256 x 2256 2x2 1504 x 1504 3x3 1128 x 1128 4x4 902 x 902 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor (full field of view) 4512 x 4512 1x1 2256 x 2256 2x2 Live frame rates (depending on hardware and software configuration): Exp. Time 1 ms H x V Frame Rate 4512 x 4512 >20 fps (High Res mode, high CPU load) 2256 x 2256 >30 fps (default: Fast Mode, reduced CPU load) Frame rates for time series recording (1 ms exposure, further depending on Sensor ROI, hardware and software configuration) H x V (ROI) Frame Rate (fps) 4512 x 4512 28 2256 x 2256 75 (2x2 subsampling; full field of view) 2248 x 1504 82 1920 x 1080 110 1024 x 1024 115 512 x 512 207 1920 x 256 346 1920 x 128 447 Read Noise Full Well Capacity Dynamic Range (at gain) 2.3 e (1x) 10,000 e 1:4440 1.8 e (2x) 5,500 e 1:2720 1.6 e (4x) 2,500 e 1:1540 1.5 e (8x) 1,250 e 1: 850 1.3 e (16x) 625 e 1: 470 HDR Mode: 1,6 e 40,000 e 1:25,000 Software Supported Camera Operation: Exposure time adjustment withcontinuous, automatic or manual mode, Adjustable over or under-exposure mode, Optional measurement on defined	Carl Zeiss	426560-9180-000	Each	$13,755.92	4.0%	$13,205.68
Science Laboratory and Teaching Supplies	426560-9190-000	Microscopy Camera Axiocam 820 mono High performance microscopy monochrome camera incl. driver software 64bit, Interface card USB 3.1 Gen2 PCIe x4, dual USB 3.0 cable 3 m Sensor Type: SONY IMX541 CMOS, monochrome, Global Shutter "Backside Illuminated" Number of Pixels: 4512 (H) x 4512 (V) = 20.3 Mega Pixels Pixel Size: 2.74 µm x 2.74 µm Chip Size: 12.4 mm x 12.4 mm, (square field of view), equivalent to 1.1" (17,4 mm diagonal) Spectral Range: With protection glass. 350 nm to 1000 nm Peak QE: 86% @ 520 nm (typ.), "backside illuminated" design Full Well Capacity: Approx. 10,000 e at gain 1x (typ.) Adjustable Signal Amplification: 1x, 2x, 4x, 8x, 16x Selectable Resolution: H x V Binning Factor (digital) 4512 x 4512 1x1 basic pixelcount 2256 x 2256 2x2 1504 x 1504 3x3 1128 x 1128 4x4 902 x 902 5x5 (at 2x2 combined analog and digital binning for further increase of sensitivity) H x V Subsampling Factor(full field of view) 4512 x 4512 1x1 2256 x 2256 2x2 Live frame rates (depending on hardware and software configuration): Exp. Time 1ms H x V Frame Rate 4512 x 4512 >20 fps (High Res mode, high CPU load) 2256 x 2256 >30 fps (default: Fast Mode, reduced CPU load) Frame rates for time series recording (1 ms exposure, further depending on Sensor ROI, hardware and software configuration) H x V (ROI) FrameRate (fps) 4512 x 4512 28 2256 x 2256 75 (2x2 subsampling; full field of view) 2248 x 1504 82 1920 x 1080 110 1024 x 1024 115 512x x 512 207 1920 x 256 346 1920 x 128 447 Read Noise Full Well Capacity Dynamic Range (at gain) 2.3 e (1x) 10,000 e 1:4440 1.8 e (2x) 5,500 e 1:2720 1.6 e (4x) 2,500 e 1:1540 1.5 e (8x) 1,250 e 1: 850 1.3 e (16x) 625 e 1: 470 HDR Mode: 1,6 e 40,000 e 1:25,000 Software Supported Camera Operation: Exposure time adjustment with continuous, automatic or manual mode, Adjustable over	Carl Zeiss	426560-9190-000	Each	$13,755.92	4.0%	$13,205.68

Science Laboratory and Teaching Supplies	426570-9011-000	Microscopy Camera Axiocam 202 mono Most versatile monochrome camera for education, documentation and routine applications with standalone capability, USB 3.0 and Ethernet connectivity with 64bit driver software for: ZEN (blue and core), Labscope and TWAIN plugin. Camera package contains the following accessories: - USB 3.0 hub Type-C - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable Type-C to Type-A - Power <(>&<)> signal cable camera to microscope stand compatible with Axiolab 5 and Axioscope5/7/Vario and, - Power adapter with country-specific plug Sensor: Sony CMOS image sensor Monochrome, Global Shutter Number of Pixel: 1920 (H) x 1080 (V) = 2MP, Full HD (1080p) Selectable Resolution: 1920 x 1080 = Full HD (1080p) Pixel size: 5.86 µm x 5.86 µm Effective Area: 11.25 mm x 6.33 mm, equivalent to 1/1.23" (13 mm diagonal) Spectral range: approx. 350 nm – 850 nm, protection glass (coated) Control buttons on camera for stand-alone use: 1x Image capture 1x OSD (On Screen Display menu) 1x Camera factory reset Status-LED for camera: color coded operation status Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate via HDMI: 30 fps @ 1080p Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 1920 x 1080 up to 30 fps (Labscope, ZEN) Digitization: 12-bit or 8-bit A/D conversion Integration time: 0.30 ms up to 2 s Gain: 1x - 16x Interfaces for Communication and for Power: HDMI for monitor USB 3.0 Type C for USB hub, flash drive, Wi-Fi adapter or, PC connection Ethernet (RJ45) for LAN connection Micro-D for power and communication with dedicated stands Optical interface:C-mount Max. file size per image: 12 bit .tiff: 4 MB (one channel, not content dependent)	Carl Zeiss	426570-9011-000	Each	$3,170.41	4.0%	$3,043.59
Science Laboratory and Teaching Supplies	426570-9411-000	Microscopy camera Axiocam 202 mono module incl. adapter 0.63x Consists of: - Microscopy camera Axiocam 202 mono - Camera adapter 60N-C 2/3" 0.63x Technical specification Axiocam 202 mono: Most versatile monochrome camera for education, documentation and routine applications with standalone capability, USB 3.0 and Ethernet connectivity with 64bit driver software for: ZEN (blue and core), Labscope and TWAIN plugin. Camera package contains the following accessories: - USB 3.0 hub Type-C, - USB3.0 flash drive, Type-C and Type-A - USB 3.0 cable Type-C to Type-A - Power <(>&<)> signal cable camera to microscope stand compatible with Axiolab 5 and Axioscope5/7/Vario - Power adapter with country-specific plug Sensor: Sony CMOS image sensorMonochrome, Global Shutter Number of Pixel: 1920 (H) x 1080 (V) = 2MP, Full HD (1080p) Selectable Resolution: 1920 x 1080 = Full HD (1080p) Pixel size: 5.86 µm x 5.86 µm Effective Area: 11.25 mm x 6.33 mm, equivalent to 1/1.23" (13 mm diagonal) Spectral range: approx. 350 nm – 850 nm, protection glass (coated) Control buttons on camera for stand-alone use: 1x Image capture 1x OSD (On Screen Display menu) 1x Camera factory reset Status-LED for camera: color coded operation status Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate via HDMI: 30 fps @ 1080p Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 1920 x 1080 up to 30 fps (Labscope, ZEN) Digitization: 12-bit or 8-bit A/D conversion Integration time: 0.30 ms up to 2 s Gain: 1x - 16x Interfaces for Communication and for Power: HDMI for monitor USB 3.0 Type C for USB hub, flash drive, Wi-Fi adapter or, PC connection Ethernet (RJ45) for LAN connection Micro-D for	Carl Zeiss	426570-9411-000	Each	$4,141.97	4.0%	$3,976.29

Science Laboratory and Teaching Supplies	426570-9901-000	Microscopy Camera Axiocam 212 color Most versatile color camera for education, documentation and routine applications with standalone capability, USB 3.0 and Ethernet connectivity with 64bit driver software for: ZEN (blue and core), Labscope and TWAIN plugin. Camera package contains the following accessories: - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable Type-C to Type-A - Power <(>&<)> signal cable camera to microscope stand compatible with Axiolab 5 and Axioscope 5/7/Vario - Power adapter with country-specific plug Sensor: Sony CMOS image sensor Color, Rolling Shutter Number of Pixel (max): 4032 (H) x 3044 (V) = 12.3 MP, Full Sensor Selectable Resolution: 4032 (H) x 3044 (V) = 12.3 MP, Full Sensor 3840 (H) x 2160 (V) = 8.1 MP, Ultra HD (4K) 1920 (H) x 1080 (V) = 2.1 MP, Full HD (1080p) Pixel size: 1.85 µm x 1.85 µm (resolution 4032 x 3044 and 3840 x 2160) 3.70 µm x 3.70 µm (binned, resolution 1920 x 1080) Effective Sensor Area: 4032 x 3044: 7.4 mm x 5.7 mm, equivalent to 1/1.7" (9.3 mm diagonal) 3840 x 2160: 7.2 mm x 4.0 mm, equivalent to 1/2.1" (8.2 mm diagonal) 1920 x 1080: 7.2 mm x 4.0 mm, equivalent to 1/2.1" (8.2 mm diagonal) Spectral range: approx. 400 nm – 700 nm, IR filter; RGBBayer color mask Control buttons on camera: 1x Power on/off switch 1x Camera factory reset Status-LED for camera: color coded operation status Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate viaHDMI: 30 fps @ 4K/1080p Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 4032 x 3044 up to 11 fps (ZEN (blue) / ZEN core) 3840 x 2160 up to 17 fps (ZEN (blue) / ZEN core) 1920 x 1080 up to 30 fps (ZEN (blue) / ZEN core) 1920 x 1080 up to 30 fps (Labscope)	Carl Zeiss	426570-9901-000	Each	$2,807.68	4.0%	$2,695.37
Science Laboratory and Teaching Supplies	426570-9910-000	Microscopy Camera Axiocam 203 mono Most versatile monochrome camera for education, documentation and routine applications with standalone capability, USB 3.0 and Ethernet connectivity with 64bit driver software for: ZEN (blue and core), Labscope and TWAIN plugin. Camera package contains the following accessories: - USB 3.0 flash drive, Type-C and Type-A - USB 3.0 cable Type-C to Type-A - Power <(>&<)> signal cable camera to microscope stand compatible with Axiolab 5 and Axioscope 5/7 - Power adapter with country-specific plug Sensor: Sony CMOS image sensor Monochrome, Rolling Shutter Number of Pixel: 1984 (H) x 1522 (V) = 3.0 MP, Full Sensor Selectable Resolution: 1984 (H) x 1522 (V) = 3.0 MP, Full Sensor 1920 (H) x 1080 (V) = 2.1 MP, Full HD (1080p) Pixel size: 3.7 µm x 3.7 µm Effective Sensor Area: 1984 x 1522: 7.3 mm x 5.6 mm, equivalent to 1/1.7" (9.2 mm diagonal) 1920 x 1080: 7.2 mm x 4.0 mm, equivalent to 1/2.1" (8.2 mm diagonal) Spectral range: approx. 350 nm – 850 nm, protection glass (coated) Control buttons on camera for stand-alone use: 1x Power on/off switch 1x Camera factory reset Status-LED for camera: color coded operation status Stand-alone: Image storage format: TIFF or JPG Video stream format: mp4 Live frame rate via HDMI: 30 fps @ 1080p Live frame rate through software via Ethernet or USB 3.0 (depending on hardware and software configuration), Exp. Time 1 ms: H x V Frame rate 1984 x 1522 up to 30 fps (ZEN (blue) / ZEN core) 1920 x 1080 up to 30 fps (Labscope, ZEN (blue) / ZEN core) Digitization: 12-bit or 8-bit A/D conversion Integration time: 0.1 ms up to 2 s Gain: 0x - 27x Interfaces for Communication and for Power: 1x HDMI for monitor 1x USB 3.0 Type C for USB flash drive, Wi-Fi adapter or PC connection 2x USB 2.0 Type A for mouse and keyboard 1x RJ45 (Ethernet) for LAN	Carl Zeiss	426570-9910-000	Each	$3,942.95	4.0%	$3,785.23
Science Laboratory and Teaching Supplies	430039-5001-000	Trigger cable Axiocam 503/506/512/702, LEMO (D) for connection with Celldiscoverer 7	Carl Zeiss	430039-5001-000	Each	$219.35	4.0%	$210.58
Science Laboratory and Teaching Supplies	410119-0044-000	APO-Rodagon-N 2.8/50 mm C-Mount (D)	Carl Zeiss	410119-0044-000	Each	$2,794.84	4.0%	$2,683.05
Science Laboratory and Teaching Supplies	426570-9110-000	Wi-Fi adapter package (O) consisting of Wireless Network Adapter and USB Adapter USB Type-C to Type-A Technical specification: Frequency: 2.4 GHz Transmission: 400 Mbps Antenna: Built-in 2dBi Transmit power: 18 dBm Interface: USB 3.0 Standard: IEEE802.11a/b/g/n	Carl Zeiss	426570-9110-000	Each	$47.08	4.0%	$45.20

Science Laboratory and Teaching Supplies	426570-9210-000	Kit Wi-Fi adapter 2.4 GHz/ 5 GHz dual band consisting of Dual Band Wireless Network Adapter and USB Adapter USB Type-C to Type-A Technical specification: Frequency: 2.412-2.472GHz and 5.15-5.25GHz Transmission: max. 867 Mbps Antenna: Built-in 2dBi Transmit power (max.): 18 dBm Interface: USB 3.0 Standard: IEEE802.11a/b/g/n/ac Compatible with: Educam 105, Axiocam 203 mono, Axiocam 212 color	Carl Zeiss	426570-9210-000	Each	$114.49	4.0%	$109.91
Science Laboratory and Teaching Supplies	000000-2306-720	Upgrade spectral detector 4+2 channel GaAsP to 32+2 channel GaAsP Enables simultaneous spectral detection with up to 34 channels for fast acquisition of Lambda Stacks and the unmixing of the emission signals already during acquisition via Online Figerprinting	Carl Zeiss	000000-2306-720	Each	$77,044.28	4.0%	$73,962.51
Science Laboratory and Teaching Supplies	410136-2162-350	ZEN Toolkit Materials Apps Floating License This package contains standard-based workflows for materials applications. The workflows contain all steps from image acquisition, analysis, interactive result display to reporting. Several applications are "AI-ready" and allow the use of machine learning models for image segmentation. Following applications are included: Grain Size Analysis Application for grain size determination with the following three measurement methods: - Planimetric method: Automatic reconstruction of grain borders (single grains measurement and determination of the grain size distribution) - Intercept method: Semiautomatic measurement with chord pattern - Compare method: Manual with comparative diagrams (wall charts) - Measurement according to following standards: DIN EN ISO 643:2020; ASTM E 112-13 Plate I - IV; ASTM E 1382-97; GB/T 6394 2017 Cast Iron Analysis Application for form and size analysis of graphite particles in cast iron with the following measurement method: - Shape and size distribution in area percentage (optional: graphite arrangement with wall charts) - Provided standard: DIN EN ISO 945 # 2019 - Additional manual reclassification of Phases Multiphase analysis Application for automatic measurement of particle size and area content of multiphase samples, also evaluation of porosity - Detection (gray values or color) and determination of particle size distribution of up to 32 phases - Available measurement parameters: Area, equivalent diameter circle, maximumdiameter, perimeter, roundness, elliptical axes A and B, color/gray value - Archiving of all measurements and generated data Comparative Diagrams Application for comparing micrographs with comparative charts (Wall Charts) - Comparison with one, two, four or eight Comparative Diagrams in one view with overlay	Carl Zeiss	410136-2162-350	Each	$9,872.89	4.0%	$9,477.97
Science Laboratory and Teaching Supplies	410136-2163-350	ZEN Toolkit GxP Floating License The GxP Toolkit for ZEN core allows the user to declare his system 21 CFR Part 11 compliant if a validation of the system is performed. The GxP Toolkit enables following functionalities: - Audit Trail - checksum encrypting protection and electronic signature of result data and job templates in the ZEN core archive - release procedure for Job Templates - different user roles (e.g. operator and supervisor) allowing configurable access to the system Note: The system validation is not included in the Toolkit and has to be performed by ZEISS or other personal that is trained and certified on the GxP validation process Floating License allows the flexible usage of the license on different clients within a networkenvironment.	Carl Zeiss	410136-2163-350	Each	$9,872.89	4.0%	$9,477.97

Science Laboratory and Teaching Supplies	410136-2168-360	ZEN Toolkit 2D Floating License Create flexible automatic pipelines for 2D image analysis. The package provides a wizard for creating and modifying automatic measurement programs. These measurement programs can be used to automatically analyze imagedata. The wizard provides methods for flexible class definition, hierarchical- and zone-of-influence* measurements. The user can choose between different algorithms for segmentation and object separation and can define different range filters. Additionally to classical segmentation methods, machine learning models can be used for segmentation ("AI-ready"). The available measurement functions include various geometric measurements and intensity measurements, as well as user-defined measurement parameters*. After running the analysis, the images are overlaid with the segmented masks and the measurement result tables are displayed together with interactive plots* (scatterplot, histogram, time series and heatmap). Tables, plots and images are linked, so that the user can explore the results interactively. The created image analysis programs can be used for batch processing. Includes the Bio App cell counting*. (*not ZEN core) The package also provides a number of additional image processing functions belonging to the Edges, Arithmetics, Morphology, Segmentation and Binary Operations groups. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2168-360	Each	$6,318.35	4.0%	$6,065.62
Science Laboratory and Teaching Supplies	410136-2170-360	ZEN Toolkit Connect Floating License This package contains the full ZEN Connect functionality for 2D- and 3D- workflows. It supports single system workflows as well as workflows between multiple systems (with or without correlative sample holders). It extends the functionality of ZEN Connect basic by the following functions: - Interactive control of stage movement from the ZEN Connect workspace* - Advanced 2D alignment functionality - Measurements in the ZEN Connect workspace - Export of merged project view as image (single and multi-channel) - Export of project views as fly-through movie - Export to SerialEM file format - Import of 3rd-party microscopy images powered by Bio-Formats - Semiautomatic calibration of sample holders for correlative microscopy* - Definition of regions of interest in the correlative workspace - Easy retrieval of marked regions - Control of the displayed z-position in ZEN Connect - Alignment of images in z-dimension - View two 3D stacks (requires 3D Toolkit)** - Manual Alignment of two 3D stacks (requires 3D Toolkit)** - Import FIB stacks** (*motorized stage required) (**not available in ZEN core) Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2170-360	Each	$9,872.89	4.0%	$9,477.97
Science Laboratory and Teaching Supplies	410136-2171-360	ZEN Toolkit Developer Floating License Customization, extension and automation of ZEN and ZEN core. With this package, users can create automated worfklows in ZEN and ZEN core and automate image acquisition, image processing and analysis steps. The package includes an integrated Development Environment (IDE) with editor, debugger and recorder* which allows the control of selected ZEN and ZEN core functionality via scripts. With this macro interface and the Python programming language, users can create both simple macro code as well as advanced scripts. Users can further extend the functionality by including additional libraries. This package also allows to control of ZEN via TCP/IP* and COM* remotely. (*not available for ZEN core) Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2171-360	Each	$5,924.59	4.0%	$5,687.61

Science Laboratory and Teaching Supplies	410136-2172-360	ZEN Toolkit 3D Floating License This package encompasses a 3D viewer as well as 3D image analysis tools. The ZEN user can use the Image Analysis for fast and easy-to-use quantification and 3D* images. The package provides a wizard for creating and modifying automatic measurement programs. These measurement programs can be used to automatically analyze image data. The wizard provides methods for flexible class definition and hierarchical measurements. The user can choose between different algorithms for segmentation, object separation and different range filters. Additionally, machine learning models can be used for segmentation ("AI- ready"). The measurement functions include various geometric measurements and intensity measurements, as well as user-defined measurement parameters*. The resulting 3D objects are visualized using the 3Dxl viewer when working with 3D segmentation. The resulting objects can be sorted and exported. (*not available in ZEN core) Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2172-360	Each	$7,897.67	4.0%	$7,581.76
Science Laboratory and Teaching Supplies	410136-2173-360	ZEN Toolkit Deconvolution Floating License Deconvolution is a mathematical method designed to remove or reassign the out-of-focus signals from or back into the in-focus structures to significantly improve contrast, signal-to-noise ratio and resolution. Deconvolution is based on mulit-GPU to provide results even faster. It has been successfully and routinely applied to almost all microscopy techniques. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2173-360	Each	$15,696.90	4.0%	$15,069.02
Science Laboratory and Teaching Supplies	410137-0136-370	ZEN Module LSM plus for ZEN desk Module for resolution enhancement of confocal channels	Carl Zeiss	410137-0136-370	Each	$7,592.72	4.0%	$7,289.01
Science Laboratory and Teaching Supplies	410137-0168-370	ZEN Toolkit 2D for ZEN desk Create flexible automatic pipelines for 2D image analysis. The package provides a wizard for creating and modifying automatic measurement programs. These measurement programs can be used to automatically analyze image data. The wizardprovides methods for flexible class definition, hierarchical- and zone-of-influence* measurements. The user can choose between different algorithms for segmentation and object separation and can define different range filters. Additionally toclassical segmentationmethods, machine learning models can be used for segmentation ("AI-ready"). The available measurement functions include various geometric measurements and intensity measurements, as well as user-defined measurement parameters*. Afterrunning the analysis, the images are overlaid with the segmented masks and the measurement result tables are displayed together with interactive plots* (scatterplot, histogram, time series and heatmap). Tables, plots and images are linked, so that the user can explore the results interactively. The created image analysis programs can be used for batch processing. Includes the Bio App cell counting*. (*not ZEN core) The package also provides a number of additional image processing functions belongingto the Edges, Arithmetics, Morphology, Segmentation and Binary Operations groups.	Carl Zeiss	410137-0168-370	Each	$2,408.57	4.0%	$2,312.23

Science Laboratory and Teaching Supplies	410137-0169-370	ZEN Toolkit AI for ZEN desk The Intellesis AI Package allows to train, import and execute different machine- and deep-learning models inside ZEN and ZEN core. It contains three major AI core functionalities: - Machine- and Deep-Learning for segmenting images (training of Deep- Learning models on APEER or externally) - Machine-Learning for Object Classification in analyzed images (requires analyzed image data) - Deep-Learning based Denoising using Noise2Void (no need for labels) For every workflowexists as dedicated tool to label images or objects and train the respective model. The package supports any image data format that can be imported into ZEN and ZEN core incl. data imported via the 3rd party import from other vendors and can process multidimensional datasets including z-stacks, multi-channel and tile images. - Additionally the labeling and training of Deep Neural networks can be purchased as as part of a special customize solution (SCS). -The complete ZEN platform is "AI ready", i.e.trained models can be used in all image analysis tools in ZEN and ZEN core (e.g. Image Analysis, Bio Apps, Guided Acquisition, Technical Cleanliness Analysis, Metallography package,...) for segmentation. To run trained models within these modules, the ZEN Intellesis AI package is not required. - Important: Recommended hardware configuration is 8GB GPU and 64GB RAM. Only Nvidia GPUs and the CPU are supported.	Carl Zeiss	410137-0169-370	Each	$6,017.68	4.0%	$5,776.97
Science Laboratory and Teaching Supplies	410137-0170-370	ZEN Toolkit Connect for ZEN desk This package contains the full ZEN Connect functionality for 2D- and 3D- workflows. It supports single system workflows as well as workflows between multiple systems (with or without correlative sample holders). It extends the functionality of ZEN Connect basic by the following functions: - Interactive control of stage movement from the ZEN Connect workspace* - Advanced 2D alignment functionality - Measurements in the ZEN Connect workspace - Export of merged project view as image (single and multi-channel) - Export of project views as fly-through movie - Export to SerialEM file format - Import of 3rd-party microscopy images powered by Bio-Formats - Semiautomatic calibration of sample holders for correlative microscopy - Definition of regions of interest in the correlative workspace - Easy retrieval of marked regions - Control of the displayed z-position in ZEN Connect - Alignment of images in z-dimension - View two 3D stacks (required 3Dxl) - ManualAlignment oftwo3D stacks (required 3Dxl)** - Import FIB stacks (*not ZEN lite & ZEN starter; motorized stage required) (**not available in ZENCore)	Carl Zeiss	410137-0170-370	Each	$3,761.05	4.0%	$3,610.61
Science Laboratory and Teaching Supplies	410137-0171-370	ZEN Toolkit Developer for ZEN desk Customization, extension and automation of ZEN and ZEN core. With this package, users can create automated worfklows in ZEN and ZEN core and automate image acquisition, image processing and analysis steps. The package includes an integrated Development Environment (IDE) with editor, debugger and recorder* which allows the control of selected ZEN and ZEN core functionality via scripts. With this macro interface and the Python programming language, users can create both simple macro code as well as advanced scripts. Users can futher extend the functionality by including additional libraries. This package also allows to control of ZEN via TCP/IP* and COM* remotely. (*not available for ZEN core).	Carl Zeiss	410137-0171-370	Each	$2,257.70	4.0%	$2,167.39

Science Laboratory and Teaching Supplies	410137-0172-370	ZEN Toolkit 3D for ZEN desk This package encompasses a 3D viewer as well as 3D image analysis tools. The ZEN user can use the Image Analysis for fast and easy-to-use quantification and 3D* images. The package provides a wizard for creating and modifyingautomatic measurement programs. These measurement programs can be used to automatically analyze image data. The wizard provides methods for flexible class definition and hierarchical measurements. The user can choose between different algorithms for segmentation, object separation and different range filters. Additionally, machine learning models can be used for segmentation ("AI- ready"). The measurement functions include various geometric measurements and intensity measurements, as well as user-defined measurement parameters*. The resulting 3D objects are visualized using the 3Dxl viewer when working with 3D segmentation. The resulting objects can be sorted and exported. (*not available in ZEN core)	Carl Zeiss	410137-0172-370	Each	$3,008.84	4.0%	$2,888.49
Science Laboratory and Teaching Supplies	410137-0173-370	ZEN Toolkit Deconvolution for ZEN desk Deconvolution is a mathematical method designed to remove or reassign the out of-focus signals from or back into the in-focus structures to significantly improve contrast, signal-to-noise ratio and resolution. Deconvolution is based on mulit-GPU to provide results even faster. It has been successfully and routinely applied to almost all microscopy techniques.	Carl Zeiss	410137-0173-370	Each	$5,979.16	4.0%	$5,739.99
Science Laboratory and Teaching Supplies	410137-0174-370	ZEN Toolkit Molecular Quantification for ZEN desk Includes functions for the for investigation of diverse dynamic and molecular interaction phenomena of diverse specimens Physiology Tool for the analysis of physiological time series data, with Ratiometric measurements, including mean ROI measurement. Includes specialised charting and viewing functions FRAP Efficiency Analysis Analysis of FRAP/FLIP or similar time series acquisitions with bleach events to determine the half time of recovery / decrease of fluorescent signals using mono or bi-exponential fit algorithms including options for background correction, correction of imaging induced photo bleaching and the possibility to evaluate grouped ROIs. FRET Analysis of FRET data which have been created with either "Sensitized Emission" or "Acceptor Photobleaching" approaches. Includes a special FRET View with calculation of control parameters, a color coded display of the resulting images as well as the intensity changes of selected image regions. The most common methods are supported: Gordon, Xia, Youvan. Automated Photomanipulation For LSM 900/980 and Celldiscoverer 7 with LSM 900 For automated photoactivation and bleaching at multiple positions. The ROIs for photomanipulation are automatically determined and applied in the experiment. Allows the automated acquisition of an image at every position, the identification of the ROIs via image analysis followed by the photomanipulation experiment. The photomanipulation is executed either atall tile regions per time point (photoactivation) or as full time series per tile region (bleaching).	Carl Zeiss	410137-0174-370	Each	$5,113.53	4.0%	$4,908.99
Science Laboratory and Teaching Supplies	410138-1006-260	Platform change AV 4.x.x to ZEN 2.6 pro Hardware License Key Platform change from an existing AxioVision Rel. 4.x.x software system to ZEN 2.6 pro blue edition. Consisting of: - ZEN 2.6 pro basic license - ZEN module Experiment Designer	Carl Zeiss	410138-1006-260	Each	$2,390.38	4.0%	$2,294.76
Science Laboratory and Teaching Supplies	410135-0002-311	ZEN 3.11 Image acquisition and processing under Windows 10 / Windows 11 x64 User interface configurable, control of the ZEISS microscope systems and components, extensive acquisition and analysis, CZI image format The following functions are included: - Basic 3D viewing - Colocalization - Connect basic - Direct processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client - Acquisition Base (time series and multichannel)	Carl Zeiss	410135-0002-311	Each	$3,590.92	4.0%	$3,447.28

Science Laboratory and Teaching Supplies	410135-0004-311	ZEN 3.11 desk ZEN image processing under Windows 10 / Windows 11 x64 Offline processing and analysis without microscope and camera control, includes basic ZEN functionality, CZI image format The following functions are included: - 3rd Party import - Basic 3D viewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client	Carl Zeiss	410135-0004-311	Each	$1,912.09	4.0%	$1,835.61
Science Laboratory and Teaching Supplies	410135-2004-311	ZEN 3.11 desk floating license ZEN image processing under Windows 10 / Windows 11 x64 Offline processing and analysis without microscope and camera control, includes basic ZEN functionality, CZI image format The following functions are included: - 3rd Party import - Basic 3D viewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client	Carl Zeiss	410135-2004-311	Each	$2,390.38	4.0%	$2,294.76
Science Laboratory and Teaching Supplies	410136-0175-310	ZEN Toolkit Bio Apps Easy-to-use image analysis for standard life science applications. Choose from the selection of Bio Apps the one, that fits your application. Simply adapt the preconfigured Bio App with just a few clicks to your data if necessary. The Toolkit provides the following Bio Apps: - Cell counting: quantify fluorescently labeled nuclei - Confluency: quantify the area covered by cells - Gene- and protein expression: quantify gene and protein expression levels - Automated spot detection: count and quantify spots inside cell nuclei and/or cytoplasm - Translocation: quantify the intensity ratio between cytoplasm and cell nuclei Make use of fast, classical segmentation methods or powerful AI models to detect your cells even more accurately. This toolkit is "AI-ready", meaning you can use previously trained AI models without needing another license. Simply load an AI model trained with the ZEN Toolkit AI or a deep learning model trained on arivis Cloud for semantic or instance segmentation in the Bio App. In the dedicated result view, the segmented images are displayed along with customized results tables and diagrams to give you a quick overview of your sample. Tables, charts, and images are interlinked so that you can explore the results interactively. All Bio Apps offer a heatmap view, making them particularly suitable for analyzing experiments in multi-well plates. They support both 2D endpoint and live cell assays. - Get started fast with a Bio App tailored to your application - Predefined parameters allow for easy operation - Choose between fast classical segmentation or powerful AI-models for challenging segmentation tasks: use AI models trained with the ZEN Toolkit AI or deep learning models trained on arivis Cloud with semantic or instance* segmentation (*not Confluency) - Visualize your results with dedicated and interactive result	Carl Zeiss	410136-0175-310	Each	$2,474.91	4.0%	$2,375.91
Science Laboratory and Teaching Supplies	410138-0104-311	Upgrade ZEN desk to ZEN 3.11 desk Upgrade of an existing ZEN desk software to ZEN 3.11 desk. Upgrade includes base ZEN desk and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN modules, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0104-311	Each	$624.88	4.0%	$599.88

Science Laboratory and Teaching Supplies	410140-7001-311	ZEN desk subscription - Lab Yearly subscription "Lab" for 3 ZEN desk software users/ clients including access to all Toolkits and special features for offline processing and analysis without microscope and camera control. Fixed bundle of floating licences - individual Toolkits or functions cannot be used separately. Regular version updates included. Subscriptions renew after 1 year for a further year. The following functions and toolkits are included: - 3rd Party import - Basic 3D viewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client Toolkits and special features ZEN Toolkit 2D ZEN Toolkit AI ZEN Toolkit Connect ZEN Toolkit Developer ZEN Toolkit 3D ZEN Toolkit Deconvolution ZEN Toolkit Molecular Quant. ZEN Toolkit Bio Apps ZEN M. FCS+FCCS Add-on Extended ZEN M. Counting Add-on FCS+FCCS ZEN M. FCS+FCCS Add-on PCH ZEN Module SMLM ZEN ModuleAiryscan ZEN Module Counting + Basic FCS ZEN Module EM Processing ZEN Module Lattice SIM ZEN Module LSM Plus ZEN Module Airyscan joint DCV ZEN Module Lightsheet 7 processing ZEN Module Lattice Lightsheet Processing ZEN Module Dynamics Profiler Basic ZEN Module Dynamics Profiler Advanced	Carl Zeiss	410140-7001-311	Each	$12,170.18	4.0%	$11,683.37
Science Laboratory and Teaching Supplies	410140-7002-311	ZEN desk subscription - Department Yearly subscription "Department" for 5 ZEN desk software users/ clients including access to all Toolkits and special features for offline processing and analysis without microscope and camera control. Fixed bundle of floating licences - individual Toolkits or functions cannot be used separately. Regular version updates included. Subscriptions renew after 1 year for a further year. The following functions and toolkits are included: - 3rd Party import - Basic 3Dviewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client Toolkits and special features ZEN Toolkit 2D ZEN Toolkit AI ZEN Toolkit Connect ZEN Toolkit Developer ZEN Toolkit 3D ZEN Toolkit Deconvolution ZEN Toolkit Molecular Quant. ZEN Toolkit Bio Apps ZEN M. FCS+FCCS Add-on Extended ZEN M. Counting Add-on FCS+FCCS ZEN M. FCS+FCCSAdd-on PCH ZEN Module SMLM ZEN Module Airyscan ZEN Module Counting + Basic FCS ZEN Module EM Processing ZEN Module Lattice SIM ZEN Module LSM Plus ZEN Module Airyscan joint DCV ZEN Module Lightsheet 7 processing ZEN Module Lattice Lightsheet Processing ZEN Module DynamicsProfiler Basic ZEN Module Dynamics Profiler Advanced	Carl Zeiss	410140-7002-311	Each	$15,577.06	4.0%	$14,953.98
Science Laboratory and Teaching Supplies	410140-7003-311	ZEN desk subscription - Institute Yearly subscription "Institue" for 10 ZEN desk software users/ clients including access to all Toolkits and special features for offline processing and analysis without microscope and camera control. Fixed bundle of floating licences - individual Toolkits or functions cannot be used separately. Regular version updates included. Subscriptions renew after 1 year for a further year. The following functions and toolkits are included: - 3rd Party import - Basic 3D viewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client Toolkits and special features ZEN Toolkit 2D ZEN ToolkitAI ZEN Toolkit Connect ZEN Toolkit Developer ZEN Toolkit 3D ZEN Toolkit Deconvolution ZEN Toolkit Molecular Quant. ZEN Toolkit Bio Apps ZEN M. FCS+FCCS Add-on Extended ZEN M. Counting Add-on FCS+FCCS ZEN M. FCS+FCCS Add-on PCH ZEN Module SMLM ZEN Module Airyscan ZEN Module Counting + Basic FCS ZEN Module EM Processing ZEN Module Lattice SIM ZEN Module LSM Plus ZEN Module Airyscan joint DCV ZEN Module Lightsheet 7 processing ZEN Module Lattice Lightsheet Processing ZEN Module DynamicsProfiler Basic ZEN Module Dynamics Profiler Advanced	Carl Zeiss	410140-7003-311	Each	$25,312.99	4.0%	$24,300.47

Science Laboratory and Teaching Supplies	410140-7004-311	ZEN desk subscription - Campus Yearly subscription "Campus" for 25 ZEN desk software users/ clients including access to all Toolkits and special features for offline processing and analysis without microscope and camera control. Fixed bundle of floatinglicences - individual Toolkits or functions cannot be used separately. Regular version updates included. Subscriptions renew after 1 year for a further year. The following functions and toolkits are included: - 3rd Party import - Basic 3D viewing - Colocalization - Connect basic - Direct Processing - Extended focus processing - Manual EDF - Measurement - Panorama - Spectral unmixing - ZEN Data Storage Client Toolkits and special features ZEN Toolkit 2D ZEN Toolkit AI ZEN Toolkit Connect ZEN Toolkit Developer ZEN Toolkit 3D ZEN Toolkit Deconvolution ZEN Toolkit Molecular Quant. ZEN Toolkit Bio Apps ZEN M. FCS+FCCS Add-on Extended ZEN M. Counting Add-on FCS+FCCS ZEN M. FCS+FCCS Add-onPCH ZEN Module SMLM ZEN Module Airyscan ZEN Module Counting + Basic FCS ZEN Module EM Processing ZEN Module Lattice SIM ZEN Module LSM Plus ZEN Module Airyscan joint DCV ZEN Module Lightsheet 7 processing ZEN Module Lattice Lightsheet Processing ZEN Module Dynamics Profiler Basic ZEN Module Dynamics Profiler Advanced	Carl Zeiss	410140-7004-311	Each	$50,625.98	4.0%	$48,600.94
Science Laboratory and Teaching Supplies	410138-0102-311	Upgrade ZEN to ZEN 3.11 Upgrade of an existing ZEN software to ZEN 3.11 Upgrade includes base ZEN, all hardware-related modules and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN toolkits, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit	Carl Zeiss	410138-0102-311	Each	$624.88	4.0%	$599.88
Science Laboratory and Teaching Supplies	410138-0104-310	Upgrade ZEN desk to ZEN 3.10 desk Upgrade of an existing ZEN desk software to ZEN 3.10 desk. Upgrade includes base ZEN desk and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN modules, an additional upgrade item (ZEN 3.10 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0104-310	Each	$624.88	4.0%	$599.88
Science Laboratory and Teaching Supplies	410138-0165-310	Upgrade ZEN with ZEN Motorized Acquisition to ZEN 3.10 Upgrade of an existing ZEN software to ZEN 3.10 including ZEN Motorized Acquisition toolkit. Upgrade includes base ZEN, ZEN Motorized Acquisition toolkit, all hardware-related modules and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN toolkits, an additional upgrade item (ZEN 3.10 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit,Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0165-310	Each	$2,839.78	4.0%	$2,726.19
Science Laboratory and Teaching Supplies	410138-0165-311	Upgrade ZEN with ZEN Motorized Acquisition to ZEN 3.11 Upgrade of an existing ZEN software to ZEN 3.11 including ZEN Motorized Acquisition toolkit. Upgrade includes base ZEN, ZEN Motorized Acquisition toolkit, all hardware-related modules and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN toolkits, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit,Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0165-311	Each	$2,839.78	4.0%	$2,726.19
Science Laboratory and Teaching Supplies	410138-0166-311	Upgrade ZEN with ZEN Advanced Acquisition to ZEN 3.11 Upgrade of an existing ZEN software to ZEN 3.11 including ZEN Advanced Acquisition toolkit. Upgrade includes base ZEN, ZEN Motorized Acquisition toolkit, all hardware-related modules and some of theoptional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN toolkits, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0166-311	Each	$5,680.63	4.0%	$5,453.40

Science Laboratory and Teaching Supplies	410138-0173-311	Upgrade ZEN with ZEN Motorized Focus to ZEN 3.11 Upgrade of an existing ZEN software to ZEN 3.11 including ZEN Motorized Focus toolkit Upgrade includes base ZEN, ZEN Motorized Focus toolkit, all hardware- related modules and some of the optional ZEN toolkits. Note: if the upgraded installation includes any of the following ZEN toolkits, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-0173-311	Each	$1,733.40	4.0%	$1,664.06
Science Laboratory and Teaching Supplies	410138-2104-311	Upgrade ZEN desk to ZEN 3.11 desk Floating License Upgrade of an existing ZEN desk Floating License to ZEN 3.11 desk Floating License Note: if the upgraded installation includes any of the following ZEN modules, an additional upgrade item (Upgrade ZEN 3.11 Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410138-2104-311	Each	$778.96	4.0%	$747.80
Science Laboratory and Teaching Supplies	410138-5001-310	Upgrade ZEN band A toolkits to ZEN 3.10 Upgrade of optional ZEN toolkits to ZEN 3.10 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) ZEN 3.10 Band A-D Upgrade item is required per ZEN installation.	Carl Zeiss	410138-5001-310	Each	$381.99	4.0%	$366.71
Science Laboratory and Teaching Supplies	410138-5001-311	Upgrade ZEN band A toolkits to ZEN 3.11 Upgrade of optional ZEN toolkits to ZEN 3.11 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) Upgrade ZEN 3.11 Band A-D item is required per ZEN installation.	Carl Zeiss	410138-5001-311	Each	$381.99	4.0%	$366.71
Science Laboratory and Teaching Supplies	410138-5002-310	Upgrade ZEN band B toolkits to ZEN 3.10 Upgrade of optional ZEN toolkits to ZEN 3.10 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) ZEN 3.10 Band A-D Upgrade is required per ZEN installation.	Carl Zeiss	410138-5002-310	Each	$763.98	4.0%	$733.42
Science Laboratory and Teaching Supplies	410138-5002-311	Upgrade ZEN band B toolkits to ZEN 3.11 Upgrade of optional ZEN toolkits to ZEN 3.11 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) Upgrade ZEN 3.11 Band A-D item is required per ZEN installation.	Carl Zeiss	410138-5002-311	Each	$763.98	4.0%	$733.42
Science Laboratory and Teaching Supplies	410138-5003-310	Upgrade ZEN band C toolkits to ZEN 3.10 Upgrade of optional ZEN toolkits to ZEN 3.10 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) ZEN 3.10 Band A-D Upgrade is required per ZEN installation.	Carl Zeiss	410138-5003-310	Each	$1,523.68	4.0%	$1,462.73
Science Laboratory and Teaching Supplies	410138-5003-311	Upgrade ZEN band C toolkits to ZEN 3.11 Upgrade of optional ZEN toolkits to ZEN 3.11 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) Upgrade ZEN 3.11 Band A-D item is required per ZEN installation.	Carl Zeiss	410138-5003-311	Each	$1,523.68	4.0%	$1,462.73
Science Laboratory and Teaching Supplies	410138-5004-310	Upgrade ZEN band D toolkits to ZEN 3.10 Upgrade of optional ZEN toolkits to ZEN 3.10 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) ZEN 3.10 Band A-D Upgrade is required per ZEN installation.	Carl Zeiss	410138-5004-310	Each	$3,048.43	4.0%	$2,926.49
Science Laboratory and Teaching Supplies	410138-5004-311	Upgrade ZEN band D toolkits to ZEN 3.11 Upgrade of optional ZEN toolkits to ZEN 3.11 in combination with the upgrade of base ZEN upgrade (separate item). Note: Maximum one (the highest applicable) Upgrade ZEN 3.11 Band A-D item is required per ZEN installation.	Carl Zeiss	410138-5004-311	Each	$3,048.43	4.0%	$2,926.49
Science Laboratory and Teaching Supplies	410139-0165-000	SMA for ZEN with ZEN Motorized Acquisition, 1 year Entitlement to upgrade ZEN with ZEN Motorized Acquisition free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN, ZEN Motorized Acquisition and all hardware-related modules that are licensed for use on the specified workstation. Selected ZEN toolkits must be covered by separate SMAs. Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: if the ZEN configuration includes any of the following ZEN toolkits, an additional SMA item (SMA ZEN Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410139-0165-000	Each	$885.96	4.0%	$850.52

Science Laboratory and Teaching Supplies	410139-0166-000	SMA for ZEN with ZEN Advanced Acquisition, 1 year Entitlement to upgrade ZEN with ZEN Advanced Acquisition free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage isobtained by purchasing multiple quantities of this item. The SMA covers ZEN, ZEN Advanced Acquisition and all hardware-related modules that are licensed for use on the specified workstation. Selected ZEN toolkits must be covered by separate SMAs. Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: if the ZEN configuration includes any of the following ZEN toolkits, an additional SMA item (SMA ZEN Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410139-0166-000	Each	$1,771.92	4.0%	$1,701.04
Science Laboratory and Teaching Supplies	410139-0173-000	SMA for ZEN with ZEN Motorized Focus, 1 year Entitlement to upgrade ZEN with ZEN Motorized Focus free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN, ZEN Motorized Focus and all hardware-related modules that are licensed for use on the specified workstation. Selected ZEN toolkits must be covered by separate SMAs. Upgrade license will bemade available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: if the ZEN configuration includes any of the following ZEN toolkits, an additional SMA item (SMA ZEN Band A-D) must beincluded: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410139-0173-000	Each	$539.28	4.0%	$517.71
Science Laboratory and Teaching Supplies	410139-5001-000	SMA for ZEN band A toolkits, 1 year SMA for ZEN toolkits in combination with an SMA for ZEN (separate item). Note: Maximum one (the highest applicable) "SMA ZEN Band A-D" is required per ZEN installation.	Carl Zeiss	410139-5001-000	Each	$128.40	4.0%	$123.26
Science Laboratory and Teaching Supplies	410139-5002-000	SMA for ZEN band B toolkits, 1 year SMA for ZEN toolkits in combination with an SMA for ZEN (separate item). Note: Maximum one (the highest applicable) "SMA ZEN Band A-D" is required per ZEN installation.	Carl Zeiss	410139-5002-000	Each	$243.96	4.0%	$234.20
Science Laboratory and Teaching Supplies	**410139-5003-000**	SMA for ZEN band C toolkits, 1 year SMA for ZEN toolkits in combination with an SMA for ZEN (separate item). Note: Maximum one (the highest applicable) "SMA ZEN Band A-D" is required per ZEN installation.	Carl Zeiss	410139-5003-000	Each	$475.08	4.0%	$456.08
Science Laboratory and Teaching Supplies	**410139-5004-000**	SMA for ZEN band D toolkits, year SMA for ZEN toolkits in combination with an SMA for ZEN (separate item). Note: Maximum one (the highest applicable) "SMA ZEN Band A-D" is required per ZEN installation.	Carl Zeiss	410139-5004-000	Each	$937.32	4.0%	$899.83
Science Laboratory and Teaching Supplies	**410136-9041-310**	SW Platform Change for SMLM required for ELYRA 7 L, ELYRA 7 LS	Carl Zeiss	410136-9041-310	Each	$3,151.15	4.0%	$3,025.10
Science Laboratory and Teaching Supplies	**410136-9133-310**	SW Platform Change for Lattice SIM required for ELYRA 7 S, ELYRA 7 LS & ELYRA 7 eLS	Carl Zeiss	410136-9133-310	Each	$7,272.79	4.0%	$6,981.88
Science Laboratory and Teaching Supplies	**410137-9041-310**	SW Platform Change desk for SMLM required for ELYRA 7 L, ELYRA 7 LS	Carl Zeiss	410137-9041-310	Each	$1,576.11	4.0%	$1,513.07
Science Laboratory and Teaching Supplies	**410137-9133-310**	SW Platform Change desk for Lattice SIM required for ELYRA 7 S, ELYRA 7 LS & ELYRA 7 eLS	Carl Zeiss	410137-9133-310	Each	$3,636.93	4.0%	$3,491.45
Science Laboratory and Teaching Supplies	**410138-0902-311**	Platform change AV 4.x to ZEN 3.11 Platform change from an existing AxioVision Rel. 4.x software system to ZEN 3.11 Consisting of: - ZEN 3.11 base license - entitlement to purchase ZEN Modules/Toolkits with a discount	Carl Zeiss	410138-0902-311	Each	$1,668.13	4.0%	$1,601.40

Science Laboratory and Teaching Supplies	**410135-0047-370**	Virtual Slide Box E-learning package for virtual slides in Education. Packages offers digitalization for 20 slides and a solution for storage and sharing of virtual slides. Virtual slides can be accessed by students remotely with free of charge ZEISS Explorer app. Package includes the following services and software packages: - ZEN Data Storage as storage solution for the digitized slides - ZEN Data Explorer for remote access to stored slides via browser or iOS/Android app - Free of charge scanning service of 20 slides (with cover glass, brightfield only). Please use the ZMCC Demo Request Form in preparation of the scanning of the slides. The price includes installation and setup of the ZEN Data Storage server via remote desktop sharing by ZEISS Service. Server hardware not included and must be purchased separately. System requirements (ZEN Data Storage Server): Memory: 16 GB (required),32 GB (recommended) Processor: Quad-core@2GHz (required), Octa-core@2.4GHz (recommended) Storage: RAID1 or RAID6 recommended for data redundancy Operating system: Windows Server 2016 or higher SQL-Version (if existing): MS-SQL 2016 or higher Network: 1Gb/s (required), 10Gb/s (recommended) System requirements (ZEN Data Explorer): iOS: Device: iPhone® 6s or newer; Ipad® 5 or newer (Mini versions not supported); iOS Version 13 or later Browser: Safari Android: Device: Samsung Galaxy Tab S (SM-T830) or newer Android version: Android 8.1 or later Windows: Browser: Google Chrome88.0.4324.104 (64-bit) Windows: Browser: Google Chrome 78.0.3904.108 Apple® iPad Pro® iPhone® are registered trademarks of Apple Inc.	Carl Zeiss	410135-0047-370	Each	$17,617.55	4.0%	$16,912.85
Science Laboratory and Teaching Supplies	**410136-0004-370**	ZEN Module Counting Add-on FCS and FCCS Enables fluorescence correlation and cross-correlation spectroscopy using all detectors that can be operated in photon counting mode. The software also provides single molecule analysis and an extended range of fit models, as well as the acquisition of spectrally resolved FCS/FCCS data.	Carl Zeiss	410136-0004-370	Each	$18,040.20	4.0%	$17,318.59
Science Laboratory and Teaching Supplies	**410136-0044-350**	ZEN Software Driver Linkam Module to control Linkam Single-Element Heating/Freezing Stages and Vacuum option - Setup of temperature curves with individually defined temperature ramps - Acquisition of time series or temperature series - 5-point temperature calibration - Automatic logging and graphic representation of temperature- and vacuum data - Simultaneous presentation of temperature curve and temperature/time series - T95/T96-LinkPad and PE95/PE96-LinkPad controller supported	Carl Zeiss	410136-0044-350	Each	$3,452.89	4.0%	$3,314.77
Science Laboratory and Teaching Supplies	**410136-0045-370**	ZEN Software Driver Hamamatsu Cameras Driver for the use of Hamamatsu b/w cameras Orca Flash 4.0 V3 CL/USB3.0, Orca Flash LT USB3.0, Image EM X2 512, Image EM X2-1K, Orca Fusion	Carl Zeiss	410136-0045-370	Each	$1,035.76	4.0%	$994.33
Science Laboratory and Teaching Supplies	**410136-0046-370**	ZEN Software Driver Roper PVCAM Driver for the use of Roper/Photometrics/QImaging b/w cameras Evolve 512, Evolve 512 Delta, Prime 95B, Prime BSI, Prime B 22mm	Carl Zeiss	410136-0046-370	Each	$1,035.76	4.0%	$994.33
Science Laboratory and Teaching Supplies	**410136-0051-370**	ZEN Software Feature upgrade f/LS Z.1 The following acquisition functions are activated with this module: - sample holder for large specimen is configurable with Config Tool - recording speed up to 200 Mbyte/s - Integration time for pco.edge sCMOS to minimal 2.5 ms - Adjustable refractiv index for media - Z-offset compensation	Carl Zeiss	410136-0051-370	Each	$11,574.19	4.0%	$11,111.22
Science Laboratory and Teaching Supplies	**410136-0057-370**	ZEN Software Driver Hitachi Camera Driver for the operation of the Hitachi camera HV-F202SCL	Carl Zeiss	410136-0057-370	Each	$1,035.76	4.0%	$994.33
Science Laboratory and Teaching Supplies	**410136-0060-370**	ZEN Software Driver PCO Driver for the use of pco.edge cameras edge 5.5 CL, edge 4.2 CL/USB3.0, edge CLHS, edge 4.2 bi	Carl Zeiss	410136-0060-370	Each	$1,035.76	4.0%	$994.33
Science Laboratory and Teaching Supplies	**410136-0062-370**	ZEN Modul 3D-PALM contains processing functions for 3D-PALM inclusive ZEN Module 3D VisArt	Carl Zeiss	410136-0062-370	Each	$10,522.38	4.0%	$10,101.48
Science Laboratory and Teaching Supplies	**410136-0108-370**	ZEN Module Airyscan 2 Multiplex Basic Module for 2x parallelisation on Airyscan. Allows up to 8 fps frame rate with increased resolution.	Carl Zeiss	410136-0108-370	Each	$11,199.69	4.0%	$10,751.70
Science Laboratory and Teaching Supplies	**410136-0124-370**	ZEN SW Driver Linkam Cryo Stage - Control of motorized x-, y-axis of CMS196M - Readout and storage of the temperature values in the image - Asynchronous temperature log	Carl Zeiss	410136-0124-370	Each	$5,792.98	4.0%	$5,561.26

Science Laboratory and Teaching Supplies	**410136-0134-370**	ZEN Module Lattice SIM² Add-On includes algorithms for quantitative reconstruction of SIM images using iterative approaches	Carl Zeiss	410136-0134-370	Each	$9,730.58	4.0%	$9,341.36
Science Laboratory and Teaching Supplies	**410136-0147-370**	ZEN Module Airyscan Joint Deconvolution ZEN Module Airyscan Joint Deconvolution, additional deconvolution for Airyscan SR data (4 or 32 phase format). Intelligent algorithm based on Joint Iterative methods. Selectable iteration number for maximum results and ease of use. Provides superresolution results down to 90nm lateral resolution with suiting samples on LSM systems with Airyscan detection module.	Carl Zeiss	410136-0147-370	Each	$18,534.54	4.0%	$17,793.16
Science Laboratory and Teaching Supplies	**410136-0177-370**	ZEN Toolkit Peripheral Device Drivers Contains drivers for the following devices: Software Driver Uniblitz Driver for control of Uniblitz controllers VCM-D1, VMM-D1. Control of the Uniblitz shutter ("open"/ "closed"). Software Driver Ludl XY Stage Control Driver for the X-, Y-axis of the Ludl XY stage controller. The following types are supported: MAC 5000 XY, MAC 6000 XY. Software Driver Ludl Filterwheel/Shutter Driver for positioning of filters and control of the shutters. Up to 4 filter wheels and 6 shutters simultaneously. Supported controllers: MAC 5000, MAC 6000. Software Driver Sutter DG-4/Filter/Shutter Driver for positioning of the filter wheel and controlling of the shutter via software directly. Supports the Sutter controller Lambda10-3, Lambda 10-2 and the light sources DG-4 and DG-4 Plus. SW Driver ASI Stage DC with attachment Z Piezo Driver for control of scanning stage XY DC 100x100 with attachment Z Piezo and scanning stage XY DC 110x90 with attachment Z Piezo / Rot.En. Software Driver PIFOC / Prior Driver for control of piezo objective focus unit and stage attachment Z-PIEZO.	Carl Zeiss	410136-0177-370	Each	$1,792.25	4.0%	$1,720.56
Science Laboratory and Teaching Supplies	**410135-0011-310**	ZEN core 3.10 Software suite for microscope image acquisition, processing, analysis, and data connectivity. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Full integration of the ZEISS microscopes (incl. Visioner 1) that can be configured in MicroToolbox, Axiocam cameras and additional components - Interactive and automatic control of the individual motorized microscope components and transfer of information from encoded components into the software - Image acquisition with b/w, rgb, high-resolution and high-sensitivity cameras - HDR, Panorama and manual Extended Depth of Focus (EDF) acquisitions - Basic image acquisition on electron microscopes - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Interactive/dimensional measurements, including online measurements on the live image - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export Supported operating systems: Windows 10 (64-bit) / Windows 11	Carl Zeiss	410135-0011-310	Each	$4,687.67	4.0%	$4,500.16

Science Laboratory and Teaching Supplies	**410135-0011-311**	ZEN core 3.11 Software suite for microscope image acquisition, processing, analysis, and data connectivity. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Full integration of the ZEISS microscopes (incl. Visioner 1) that can be configured in MicroToolbox, Axiocam cameras and additional components - Interactive and automatic control of the individual motorized microscope components and transfer of information from encoded components into the software - Image acquisition with b/w, rgb, high-resolution and high-sensitivity cameras - HDR, Panorama and manual Extended Depth of Focus (EDF) acquisitions - Basic image acquisition on electron microscopes - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Interactive/dimensional measurements, including online measurements on the live image - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export Supported operating systems: Windows 10 / Windows 11	Carl Zeiss	410135-0011-311	Each	$4,686.60	4.0%	$4,499.14
Science Laboratory and Teaching Supplies	**410135-0011-390**	ZEN core 3.9 Software suite for microscope image acquisition, processing, analysis, and data connectivity. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Full integration of the ZEISS microscopes (incl. Visioner 1) that can be configured in MicroToolbox, Axiocam cameras and additional components - Interactive and automatic control of the individual motorized microscope components and transfer of information from encoded components into the software - Image acquisition with b/w, rgb, high-resolution and high-sensitivity cameras - HDR, Panorama, and manual Extended Depth of Focus (EDF) acquisitions - Basic image acquisition on electron microscopes - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Interactive/dimensional measurements, including online measurements on the live image - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export - arivis Cloud connector enables the execution of customized solutions by integrating modules from the arivis Cloud platform Supported operating systems: Windows 10 (64-Bit)	Carl Zeiss	410135-0011-390	Each	$4,687.67	4.0%	$4,500.16

Science Laboratory and Teaching Supplies	**410135-0035-310**	ZEN analyzer 3.10 Software suite for processing and analysis of light and electron microscopic images and documents without microscopy connection. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Processing of EDF and topography image from z-stacks - Interactive/dimensional measurements - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Import of 3rd-party images using Bio-Formats library - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export Supported operating systems: Windows 10 (64-Bit) / Windows 11	Carl Zeiss	410135-0035-310	Each	$1,642.45	4.0%	$1,576.75
Science Laboratory and Teaching Supplies	**410135-0035-311**	ZEN analyzer 3.11 Software suite for processing and analysis of light and electron microscopic images and documents without microscopy connection. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Processing of EDF and topography image from z-stacks - Interactive/dimensional measurements - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Import of 3rd-party images using Bio-Formats library - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export Supported operating systems: Windows 10 / Windows 11	Carl Zeiss	410135-0035-311	Each	$1,642.45	4.0%	$1,576.75

Science Laboratory and Teaching Supplies	**410135-0035-390**	ZEN analyzer 3.9 Software suite for processing and analysis of light and electron microscopic images and documents without microscopy connection. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Image processing: standard operations for image optimization (contrast, brightness, gZEN analyzer 3.9 Software suite for processing and analysis of light and electron microscopic images and documents without microscopy connection. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Processing of EDF and topography image from z-stacks - Interactive/dimensional measurements - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Import of 3rd-party images using Bio-Formats library - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export - arivis Cloud connector enables the execution of customized solutions by integrating modules from the arivis Cloud platform Supported operating systems: Windows 10 / Windows 11 (64-Bit)amma, colors, smoothing, sharpening, geometric corrections...) - Processing of EDF and topography image from z-stacks -	Carl Zeiss	410135-0035-390	Each	$1,642.45	4.0%	$1,576.75
Science Laboratory and Teaching Supplies	**410135-2035-311**	ZEN analyzer 3.11 Floating License Software suite for processing and analysis of light and electron microscopic images and documents without microscopy connection. - Configurable graphical user interface including workbench concept for customized routine jobs and workflows - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Processing of EDF and topography image from z-stacks - Interactive/dimensional measurements - Input Form Designer with automated customer data import - Report creation and modification of Microsoft Word report templates using ZEN Word add-in - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Import of 3rd-party images usingBio-Formats library - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement and QUAL Data Export Supported operating system: Windows 10 / Windows 11 Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410135-2035-311	Each	$2,053.33	4.0%	$1,971.20
Science Laboratory and Teaching Supplies	**410138-0011-311**	Transfer ZEN to ZEN core 3.11 Transfer from an existing ZEN with modules/toolkits to ZEN core 3.11 Consisting of: - ZEN core 3.11 base license - ZEN Modules/Toolkits which are licensed in ZEN already and available in ZEN core	Carl Zeiss	410138-0011-311	Each	$2,619.36	4.0%	$2,514.59
Science Laboratory and Teaching Supplies	**410138-0111-311**	Upgrade to ZEN core 3.11 Upgrade of an existing ZEN core software version to ZEN core 3.11 Note: The package consists of the ZEN core 3.11 base license and upgrades for an existing Base Acquisition Toolkit and/or Motorized Focus Acquisition Toolkit. If the current ZEN core version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.11 Band B-C) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-0111-311	Each	$1,732.33	4.0%	$1,663.04

Science Laboratory and Teaching Supplies	**410138-0111-380**	Upgrade to ZEN core 3.8 Upgrade of an existing ZEN core software version to ZEN core 3.8 Note: The package consists of the ZEN core 3.8 base license and upgrades for an existing Base Acquisition Toolkit and/or Motorized Focus Acquisition Toolkit. If the current ZEN core version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.8 Band A-C) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-0111-380	Each	$1,888.55	4.0%	$1,813.01
Science Laboratory and Teaching Supplies	**410138-0135-311**	Upgrade to ZEN analyzer 3.11 Upgrade of an existing ZEN analyzer software version to ZEN analyzer 3.11 Note: The upgrade consists only of the ZEN analyzer 3.11 base license. If the current ZEN analyzer version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.11 Band A-B) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-0135-311	Each	$623.81	4.0%	$598.86
Science Laboratory and Teaching Supplies	**410138-0165-385**	Upgrade to ZEN core 3.8 with Motorized Acquisition Upgrade of an existing ZEN core software version to ZEN core 3.8 with existing Motorized Acquisition Toolkit Note: The package consists of the ZEN core 3.8 base license and upgrades for an existing Base Acquisition Toolkit and Motorized Acquisition Toolkit. If the current ZEN core version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.8 Band A-C) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-0165-385	Each	$3,097.65	4.0%	$2,973.74
Science Laboratory and Teaching Supplies	**410138-2135-311**	Upgrade to ZEN analyzer 3.11 Floating License Upgrade of an existing ZEN analyzer Floating software version to ZEN analyzer 3.11 Floating License Note: The upgrade consists only of the ZEN analyzer 3.11 Floating base license. If the current ZEN analyzer Floating version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.11 Band A-B) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-2135-311	Each	$780.03	4.0%	$748.83
Science Laboratory and Teaching Supplies	**410138-9165-311**	Upgrade to ZEN core 3.11 with Motorized Acquisition Upgrade of an existing ZEN core software version to ZEN core 3.11 with existing Motorized Acquisition Toolkit Note: The package consists of the ZEN core 3.11 base license and upgrades for an existing Base Acquisition Toolkit and Motorized Acquisition Toolkit. If the current ZEN core version includes any of the following ZEN toolkits/modules, an additional upgrade item (ZEN 3.11 Band B-C) must be added: - 2D Toolkit - 3D Toolkit - AI Toolkit - Connect Toolkit - Materials Apps - TCA Module - NMI Module - Developer Toolkit - GxP Toolkit	Carl Zeiss	410138-9165-311	Each	$2,840.85	4.0%	$2,727.22
Science Laboratory and Teaching Supplies	**410139-0011-000**	SMA Fee ZEN core 1 year Entitlement to upgrade ZEN core free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN core, ZEN Motorized Focus Acquisition and all hardware-related modules that are licensed for use on the specified workstation. Selected ZEN Toolkits must be covered by a separate SMA. The Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: If the ZEN core configuration includes any of the following ZEN Toolkits, an additional SMA item ("SMA ZEN Band B-C") must be included: - AI Toolkit ("SMA ZEN Band C") - 2D Toolkit ("SMA ZEN Band B") - 3D Toolkit ("SMA ZEN Band B") - Connect Toolkit ("SMA ZEN Band B") - Materials Apps ("SMA ZEN Band B") - TCA Modul ("SMA ZEN Band B") - NMI Modul ("SMA ZEN Band B") - Developer Toolkit ("SMA ZEN Band B") - GxP Toolkit ("SMA ZEN Band B")	Carl Zeiss	410139-0011-000	Each	$513.60	4.0%	$493.06

Science Laboratory and Teaching Supplies	**410139-0035-000**	SMA Fee ZEN analyzer 1 year Entitlement to upgrade ZEN analyzer free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN analyzer. Selected ZEN Toolkits must be covered by a separate SMA. The Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: If the ZEN analyzer configuration includes any of the following ZEN Toolkits, an additional SMA item ("SMA ZEN Band A-B") must be included: - AI Toolkit ("SMA ZEN Band B") - 2D Toolkit ("SMA ZEN Band A") - 3D Toolkit ("SMA ZEN Band A") - Connect Toolkit ("SMA ZEN Band A") - Materials Apps ("SMA ZEN Band A") - TCA Modul ("SMA ZEN Band A") - NMI Modul ("SMA ZEN Band A") - Developer Toolkit ("SMA ZEN Band A") - GxP Toolkit ("SMA ZEN Band A")	Carl Zeiss	410139-0035-000	Each	$192.60	4.0%	$184.90
Science Laboratory and Teaching Supplies	**410139-0165-005**	SMA Fee ZEN core with Motorized Acquisition 1 year Entitlement to upgrade ZEN core free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN core, ZEN Motorized Acquisition and all hardware- related modules that are licensed for use on the specified workstation. Selected ZEN Toolkits must be covered by a separate SMA. The Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: If the ZEN core configuration includes any of the following ZEN Toolkits, an additional SMA item ("SMA ZEN Band B-C") must be included: - AI Toolkit ("SMA ZEN Band C") - 2D Toolkit ("SMA ZEN Band B") - 3D Toolkit ("SMA ZEN Band B") - Connect Toolkit ("SMA ZEN Band B") - Materials Apps ("SMA ZEN Band B") - TCA Modul ("SMA ZEN Band B") - NMI Modul ("SMA ZEN Band B") - Developer Toolkit ("SMA ZEN Band B") - GxP Toolkit ("SMA ZEN Band B")	Carl Zeiss	410139-0165-005	Each	$847.44	4.0%	$813.54
Science Laboratory and Teaching Supplies	**410138-0911-311**	Platform Change AV 4.x.x to ZEN core 3.11 Platform change from an existing AxioVision Rel. 4.x.x software system to ZEN core 3.11. Consisting of: - ZEN core 3.11 basic license - entitles to purchase ZEN Toolkits with a discount	Carl Zeiss	410138-0911-311	Each	$1,821.14	4.0%	$1,748.29
Science Laboratory and Teaching Supplies	**410136-0003-370**	ZEN Module FCS FCCS Add-On Extended Enables global fitting of all loaded datasets and contains advanced parameter inputs for fit models as well as the possibility to create own fit models.	Carl Zeiss	410136-0003-370	Each	$12,844.28	4.0%	$12,330.51
Science Laboratory and Teaching Supplies	**410136-0005-370**	ZEN Module FCS FCCS Add-on PCH Provides the input function to calculate Number and Brightness of molecular populations.	Carl Zeiss	410136-0005-370	Each	$10,216.36	4.0%	$9,807.71
Science Laboratory and Teaching Supplies	**410136-0042-370**	ZEN Module Lattice SIM / SIM² Includes algorithms for reconstruction of SIM images using linear and iterative methods	Carl Zeiss	410136-0042-370	Each	$42,047.79	4.0%	$40,365.88
Science Laboratory and Teaching Supplies	**410136-0063-370**	ZEN Module sequential Dual-Color PALM contains acquisition function for mutual laser switching for dual color PALM	Carl Zeiss	410136-0063-370	Each	$10,522.38	4.0%	$10,101.48
Science Laboratory and Teaching Supplies	**410136-0064-380**	ZEN Module Airyscan Module for processing of image data acquired with Airyscan. Includes the option for acquisition and saving of data using the 32 phase format.	Carl Zeiss	410136-0064-380	Each	$1,439.15	4.0%	$1,381.58

Science Laboratory and Teaching Supplies	**410136-0106-360**	ZEN Module Non-Metallic Inclusion Analysis Software Module for evaluation and rating of non-metallic inclusions in steel (Oxides, Sulfides and Nitrides). The following standards are supported: ASTM E45a, ISO 4967, JIS G0555, GB/T 10561, EN 10247, SEP 1571 and DIN 50602. The scope of delivery includes preconfigured and automated workflows for steel cleanliness analysis and -rating. The provided job templates are available for the user roles Supervisor and Operator and cover image acquisition, result presentation in interactive views for fast inspection and revision of inclusions, single reports with results of characteristic values and standard specific methods per mounted specimen. Furthermore, an overview report with the summary of the characteristic values, statistics and method results per standard for a set of evaluated specimens. Automated storage of generated results and inspection views in the data archive. Archived data can be re-opened and viewed. Optimized workflows for mounted specimen with/without nitride inclusions. The workflows can be conducted with acquired or loaded images. - Adjustable image acquisition settings for microscope and camera for the supervisor. Selectable image acquisition settings for the operator - Standard-measuring-field-based definition of the tiles acquisition area - Standard Template Editor to customize existing standards by copy and edit. Adjustable parameter: minimum particle and inclusion size; particle distance (in direction/perpendicular to main deformation orientation; size ratio for differentiation of globular and elongated inclusions. - Automated parallel analysis of all selected standards - Efficient auto segmentation for oxide, sulfide and nitride detection - Region adaption algorithm for optimized detection of mixed type Oxide/sulfide inclusions (complex,	Carl Zeiss	410136-0106-360	Each	$5,029.00	4.0%	$4,827.84
Science Laboratory and Teaching Supplies	**410136-0109-370**	ZEN Module Airyscan 2 Multiplex 2 Standard Module for 4x parallelisation with Airyscan 2 on LSM 900 or LSM 980. Allows up to 16 / 25 fps frame rate on LSM 900 / LSM 980, with increased resolution.	Carl Zeiss	410136-0109-370	Each	$30,037.04	4.0%	$28,835.56
Science Laboratory and Teaching Supplies	**410136-0110-370**	ZEN Module Airyscan 2 Multiplex Plus ZEN Module Airyscan 2 Multiplex Plus for 8x parallelisation and doubled pixel sampling with LSM 980 Airyscan 2. Allows up to 47 fps frame rate with increased resolution.	Carl Zeiss	410136-0110-370	Each	$18,004.89	4.0%	$17,284.69
Science Laboratory and Teaching Supplies	**410136-0111-380**	ZEN module FLIM Application • For seamless acquisition of multidimensional FLIM experiments (time series, z-stacks) in ZEN blue • Works only in combination with the FLIM Upgrade Kit from PicoQuant • Definition of experiment duration, file name and structure for reproducible data • FLIM laser power control • Display and transfer of all relevant META data (e.g., objective, pixel time, z position, time point) to the PicoQuant software • Straightforward FLIM data analysis in the SymPhoTime software from PicoQuant	Carl Zeiss	410136-0111-380	Each	$1,386.72	4.0%	$1,331.25

Science Laboratory and Teaching Supplies	**410136-0128-350**	ZEN Module Technical Cleanliness Analysis Software module for evaluation of particulate contamination on prepared specimen. The following standards for component cleanliness, oil cleanliness, air cleanliness and cleanliness of medical products are supported: VDA 19.1, ISO 16232, ISO 4406, ISO 4407, NAS 1638, SAE AS 4059,VDA 19.2, VDI 2083 (Sheet 21). The scope of delivery includes preconfigured automated workflows for technical cleanliness analysis and rating of single or multiple specimen for the user roles Supervisor and Operator. Provided job templates (I-V): Workflow Creator Wizard for application guided selection and auto-generation of the following job templates for technical cleanliness analysis: - The workflows I - III are operable with acquired or loaded images. - The correlative workflows IV - V require image acquisition. (I) automated workflow for acquisition of multichannel images with different polarization directions in combination with Axiocam 705 pol mainly for the evaluation of component cleanliness and the rating of technical cleanliness of medical products. The use of latest camera sensor technology with on-chip polarization enables a workflow with one single specimen acquisition instead of double image acquisition of the complete specimen area with different contrast methods. This leads to a significant time saving. (II) automated workflow for acquisition of single channel images mainly for oil analysis. (III) automated workflow for component cleanliness testing with AI-based object classification. Contains trainable, pre-trained models for AI- based analysis of multichannel images with different polarization directions. Training of the delivered machine learning models requires ZEN Toolkit AI . (IV) light microscope workflow for correlative technical cleanliness analysis (component and oil cleanliness) with automated	Carl Zeiss	410136-0128-350	Each	$6,745.28	4.0%	$6,475.47
Science Laboratory and Teaching Supplies	**410136-0132-370**	ZEN Slidescan Module OCR Modul zur optischen Zeichenerkennung von Beschriftungen auf Objektträgern; für den Einsatz in Slidescannern Axio Scan.Z1 und Axioscan 7	Carl Zeiss	410136-0132-370	Each	$972.63	4.0%	$933.72
Science Laboratory and Teaching Supplies	**410136-0133-390**	ZEN Module Lattice SIM ZEN Module Lattice SIM includes algorithms for reconstruction of SIM images using linear and iterative methods	Carl Zeiss	410136-0133-390	Each	$21,174.23	4.0%	$20,327.26
Science Laboratory and Teaching Supplies	**410136-0136-370**	ZEN Module LSM Plus SR processing for confocal data on LSM 980 or LSM 900/800, compatible with all detectors. Based on special filter algorithm with LSM PSF model. Real-time calculation with preview, resolution 160nm (pinhole approx. 0.8 AU) down to 120nm (pinhole approx. 0.3 AU) with suitable samples on all LSM systems.	Carl Zeiss	410136-0136-370	Each	$18,163.25	4.0%	$17,436.72

Science Laboratory and Teaching Supplies	**410136-0162-350**	ZEN Toolkit Materials Apps This package contains standard-based workflows for materials applications. The workflows contain all steps from image acquisition, analysis, interactive result display to reporting. Several applications are "AI-ready" and allow the use of machine learning models for image segmentation. Following applications are included: Grain Size Analysis Application for grain size determination with the following three measurement methods: - Planimetric method: Automatic reconstruction of grain borders (single grains measurement and determination of the grain size distribution) - Intercept method: Semiautomatic measurement with chord pattern - Compare method: Manual with comparative diagrams (wall charts) - Measurement according to following standards: DIN EN ISO 643:2020; ASTM E 112-13 Plate I - IV; ASTM E 1382-97; GB/T 6394 2017 Cast Iron Analysis Application for form and size analysis of graphite particles in cast iron with the following measurement method: - Shape and size distribution in area percentage (optional: graphite arrangement with wall charts) - Provided standard: DIN EN ISO 945 # 2019 - Additional manual reclassification of Phases Multiphase analysis Application for automatic measurement of particle size and area content of multiphase samples, also evaluation of porosity - Detection (gray values or color) and determination of particle size distribution of up to 32 phases - Available measurement parameters: Area, equivalent diameter circle, maximum diameter, perimeter, roundness, elliptical axes A and B, color/gray value - Archiving of all measurements and generated data Comparative Diagrams Application for comparing micrographs with comparative charts (Wall Charts) - Comparison with one, two, four or eight Comparative Diagrams in one view with overlay possibility of image and	Carl Zeiss	410136-0162-350	Each	$5,160.61	4.0%	$4,954.19
Science Laboratory and Teaching Supplies	**410136-0164-360**	ZEN Toolkit Base Acquisition Acquire images including Time lapse, multi-channel fluorescence <(>&<)> brightfield. This package allows to acquire fluorescence and transmitted light images as well as contrast methods in independent channels. Furthermore, it provides functionality to acquire a time-lapse image of dynamic samples. For multi-channel acquisitions the following features are available: - Acquisition of multiple independent channels for reflected light and transmitted light techniques - Dyes (including wavelength information) can be selected from a database containing more than 500 dyes or fluorescent proteins, and for all common transmitted light contrast techniques supported by the acquisition system (e.g. brightfield, phase contrast, DIC, darkfield, etc.) - Smart setup generation of the required microscope setting for a channel that is added - Possibility of adjusting light intensity and camera settings manually for each channel - Display of channels in a pseudo color image with overlay option or as a monochrome single channel display - Possibility to generate shading corrections for each channel - A focus reference channel can be defined For time-lapse acquisition following functionality exists: - Definition of time series by selection of intervals, total duration or number of cycles. - Control via time, trigger* or manually *only ZEN	Carl Zeiss	410136-0164-360	Each	$1,983.78	4.0%	$1,904.43

Science Laboratory and Teaching Supplies	**410136-0165-311**	ZEN Toolkit Motorized Acquisition Acquire images and control motorized components in multi-dimensional experiments. This package allows to acquire tiles, multi-position and z-stack images using motorized components. These can be combined with the included autofocus and direct processing. Z-stack and enhanced depth of focus functionality: - definition of the Z-stack in "Start/Stop" and "Center" mode - size of the configurable Z-stack and number of possible Z-planes only limited by the travel range of the system and the minimum increment - "Optimal" button to automatically set the correct increment to satisfy the Nyquist criterion - integrated Z-drive backlash compensation for maximum precision and reproducibility - extraction of the sharp details from individual images at various focus positions and combination into an image with high depth of field Tiles & Positions - automatic scanning of predefined sample areas - acquisition of images according to a position list - support of focus correction maps, stitching and shading correction - compatible with software autofocus Software Autofocus: - determination of the optimal focus position in the sample - the autofocus works with transmitted, reflected and fluorescence light - definition of an autofocus region in the camera image	Carl Zeiss	410136-0165-311	Each	$8,395.22	4.0%	$8,059.41
Science Laboratory and Teaching Supplies	**410136-0166-311**	ZEN Toolkit Advanced Acquisition Acquisition enabled by motorized components, control of Zeiss imaging systems and devices (Celldiscoverer 7, Lattice Ligthsheet 7, LSM 900/ 980). Package for the acquisition of large area images or z-stacks using motorized components Z-stack and enhanced depth of focus functionality: - Definition of the Z-stack in "Start/Stop"and "Center" mode - Size of the configurable Z-stack and number of possible Z-planes only limited by the travel range of the system and theminimum increment - Minimum increment of 10 nanometers can be set (depending on acquisition system). - "Optimal" button to automatically set the correct increment to satisfy the Nyquist criterion - Integrated Z-drive backlash compensation for maximum precision and reproducibility - Extraction of the sharp details from individual images at various focus positions and combination into an image with high depth of field - Wavelet algorithm allows use in transmitted light and reflected light Tiles <(>&<)> Positions: - automatic scanning of predefined sample areas - acquisition of images according to a position list - supports focus correction maps, stitching and shading correction - compatible with software autofocus Software Autofocus: - determinationof the optimal focus position in the sample. - The autofocus works with transmitted, reflected and fluorescence light. - Definition of an autofocus region in the camera image. HDR Confocal basic: - High dynamic rangeimaging for LSM series - Automatic acquisition and merging of images with different excitation intensities	Carl Zeiss	410136-0166-311	Each	$10,948.24	4.0%	$10,510.31
Science Laboratory and Teaching Supplies	**410136-0167-360**	ZEN Toolkit Smart Acquisition This package includes functions for creating flexible and intelligent image acquisitions workflows with the Experiment Designer, Guided Acquisition and Experiment Feedback tools. Experiment designer allows to configure inhomogeneous acquisition experiments: time series, multitime series, Z-stacks, tiles/multiposition images and channels in any order. Note: The image acquisition using this toolkit requires the Motorized or Advanced acquisition package. Please note that some parameters of Definite focus are currently not transferred between experiment blocks. Guided Acquisition allows automatic and targeted acquisition of objects of interest (e.g. for rare events): 1st step: acquisition of an overview image of the sample 2nd step: automatic 2D image analysis to detect objects of interest 3rd step: acquire detailed images for the detected objects Experiment Feedback provides the ability to respond to changes in the sample, the microscope or external triggers during an image acquisition and to modify an ongoing acquisition via powerful Python scripts (not available in ZEN core).	Carl Zeiss	410136-0167-360	Each	$2,067.24	4.0%	$1,984.55

Science Laboratory and Teaching Supplies	**410136-0170-360**	ZEN Toolkit Connect This package contains the full ZEN Connect functionality for 2D- and 3D- workflows. It supports single system workflows as well as workflows between multiple systems (with or without correlative sample holders). It extends the functionality of ZEN Connect basic by the following functions: - Interactive control of stage movement from the ZEN Connect workspace* - Advanced 2D alignment functionality - Measurements in the ZEN Connect workspace - Export of merged project view as image (single and multi-channel) - Export of project views as fly-through movie - Export to SerialEM file format - Import of 3rd-party microscopy images powered by Bio-Formats - Semiautomatic calibration of sample holders for correlative microscopy -Definition of regions of interest in the correlative workspace - Easy retrieval of marked regions - Control of the displayed z-position in ZEN Connect - Alignment of images in z-dimension - View two 3D stacks (requires 3D Toolkit)** - Manual Alignment of two 3D stacks (requires 3D Toolkit)** - Import FIB stacks** (*not ZEN lite and ZEN starter; motorized stage required) (**not available in ZEN core)	Carl Zeiss	410136-0170-360	Each	$8,264.68	4.0%	$7,934.09
Science Laboratory and Teaching Supplies	**410136-0173-311**	ZEN Toolkit Motorized Focus Acquisition This toolkit allows to acquire z-stack image and images with enhanced depth of field on systems with motorized z-drive. These acquisitions can be combined with the included software autofocus. Z-stack and enhanced depth of focus functionality: - definition of the z-stack in "Start/Stop" and "Center" mode - size of the configurable Z-stack and number of possible Z-planes only limited by the travel range of the system and the minimum increment - "Optimal" button to automatically set the correct increment to satisfy the Nyquist criterion - integrated Z-drive backlash compensation for maximum precision and reproducibility - extraction of the sharp details from individual images at various focus positions and combination into an image with high depth of field Software Autofocus: - determination of the optimal focus position in the sample - autofocus works with transmitted, reflected and fluorescence light - definition of an autofocus region in the camera image	Carl Zeiss	410136-0173-311	Each	$3,476.43	4.0%	$3,337.37
Science Laboratory and Teaching Supplies	**410136-0178-380**	ZEN Module Dynamics Profiler Basic Dynamics Profiler allows to gather details of the molecular characteristics of living samples – providing concentration and dynamics information of fluorescently labelled molecules. Expanding the capability of the Airyscan detector and utilizing the area information gathered from 32 circular arranged detection elements for fluorescence correlation spectroscopy (FCS). Data acquisition is guided by a wizard which serves both simplicity and usability. Using the context of a reference image up to 10 measurement spots can be obtained consecutively and analyzed by various fit models. Additionally, the Raw data of all Airyscan detection elements can be exported and used for individual analysis.	Carl Zeiss	410136-0178-380	Each	$9,068.25	4.0%	$8,705.52
Science Laboratory and Teaching Supplies	**410136-0179-380**	ZEN Module Dynamics Profiler Advanced Dynamics Profiler Advanced enables to collect unique molecular characteristics of fluorescently labelled proteins or other molecules. Using the individual detector elements of the Airyscan detector, specific fluorescence correlation spectroscopy (FCS) techniques provide additional area-based information. In addition to classic FCS parameters (see SW ZEN Module Dynamics Profiler Basic) every measurement includes the opportunity to analyze a) Dynamics with pair correlation to investigate e.g., diffusion barriers and b) active flow providing speed in µm/s and its direction. The Module Dynamics Profiler Basic is required as a prerequisite.	Carl Zeiss	410136-0179-380	Each	$13,601.84	4.0%	$13,057.77
Science Laboratory and Teaching Supplies	**410136-2004-370**	ZEN Module Counting Add-on FCS and FCCS Floating License Enables Fluorescence Correlation and Cross-Correalation Spectroscopy using any counting capable GaAsP-PMT and MA-PMT detectors. The software includes single molecule analyses, an extended range ofFit Models and the acquisition of spectral FCS / FCCS data. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2004-370	Each	$18,852.33	4.0%	$18,098.24

Science Laboratory and Teaching Supplies	**410136-2005-370**	ZEN Module FCS FCCS Add-on PCH Floating License Provides the entry function to calculate Number and Brightness of molecule populations. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2005-370	Each	$10,677.53	4.0%	$10,250.43
Science Laboratory and Teaching Supplies	**410136-2064-380**	ZEN Module Airyscan floating license Module for processing of image data acquired with Airyscan. Includes the option for acquisition and saving of data using the 32 phase format. Floating license allows the flexible usage of the license on differentclients within a network environment.	Carl Zeiss	410136-2064-380	Each	$8,707.66	4.0%	$8,359.35
Science Laboratory and Teaching Supplies	**410136-2079-370**	ZEN Module Counting and basic FCS Floating License Enables image acquisition in counting mode for GaAsP detectors: 2+4ch Quasar and 2+32ch Quasar (both need additional HW), 2+1ch Quasar, cooled MA-PMT and BiG.2. The Modulea also enables the acquisition of fluorescence correlation spectroscopy data (FCS) with one channel (autocorrelation) providing one Fit Model. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2079-370	Each	$1,653.15	4.0%	$1,587.02
Science Laboratory and Teaching Supplies	**410136-2106-360**	ZEN Module Non-Metallic Inclusion Analysis Floating License Software Module for evaluation and rating of non-metallic inclusions in steel (Oxides, Sulfides and Nitrides). The following standards are supported: ASTM E45a, ISO 4967, JIS G0555, GB/T 10561, EN 10247, SEP 1571 and DIN 50602. The scope of delivery includes preconfigured and highly automated workflows for steel cleanliness analysis and -rating. The provided job templates are available for the user roles Supervisor and Operator and coverimage acquisition, result presentation in interactive views for fast inspection and revision of inclusions, single reports with results of characteristic values and standard specific methods per mounted specimen. Furthermore, an overview report with the summary of the characteristic values, statistics and method results per standard for a set of evaluated specimens. Automated storage of generated results and inspection views in the data archive. Archived data can be re-opened and viewed. Optimized workflows for mounted specimen with/without nitride inclusions. The workflows can be conducted with acquired or loaded images. - Adjustable image acquisition settings for microscope and camera for the supervisor. Selectable image acquisition settings for the operator - Standard measuring field-based definition of the tiles acquisition area - Automated parallel analysis for all selected standards - Customer database in Excel table format for input forms - Efficient auto segmentation for oxide, sulfideand nitride detection - Artifact filter for automated filtering of scratches - Advanced artifact filter for automated filtering of sulfide halos - Automated detection of the main deformation orientation (horizontal, vertical) - Standard specific severity rating filter: automated exclusion of inclusions per defined size class - Global result view with	Carl Zeiss	410136-2106-360	Each	$6,006.98	4.0%	$5,766.70

Science Laboratory and Teaching Supplies	**410136-2128-350**	ZEN Module Technical Cleanliness Analysis Floating License Software module for evaluation of particulate contamination on prepared specimen. The following standards for component cleanliness, oil cleanliness and cleanliness of medical products are supported: VDA 19.1, ISO 16232, ISO 4406, ISO 4407, NAS 1638, SAE AS 4059, VDI 2083 (Sheet 21). The scope of delivery includes preconfigured automated workflows for technical cleanliness analysis and rating of single or multiple specimen for the user roles Supervisor and Operator. Provided job templates (I-V): (I) automated workflow for acquisition of multichannel images with different polarization directions in combination with Axiocam 705 pol mainly for the evaluation of component cleanliness and the rating of technical cleanliness of medical products. The use of latest camera sensor technology with on-chip polarization enables a workflow with one single specimen acquisition instead of double image acquisition of the complete specimen area with different contrast methods. This leads to a significant time saving. (II) automated workflow for acquisition of single channel images mainly for oil analysis. (III) automated workflow for component cleanliness testing with AI-based object classification. Contains trainable, pre-trained models for AI- based analysis of multichannel images with different polarization directions. Training of the delivered machine learning models requires in addition ZEN Toolkit AI . (IV) light microscope workflow for correlative technical cleanliness analysis (component and oil cleanliness) with automated and/or manual particle selection for subsequent SEM/EDS analysis in Free Mode. Requires in addition ZEN Toolkit Connect . (V) light microscope workflow for correlative component cleanliness analysis with AI-based object classification. Contains trainable, pre- trained models	Carl Zeiss	410136-2128-350	Each	$8,293.57	4.0%	$7,961.83
Science Laboratory and Teaching Supplies	**410136-2147-370**	ZEN Module Airyscan Joint Deconvolution Floating License ZEN Module Airyscan Joint Deconvolution, additional deconvolution for Airyscan SR data (4 or 32 phase format). Intelligent algorithm based on Joint Iterative methods. Selectable iteration numberfor maximum results and ease of use. Provides superresolution results down to 90nm lateral resolution with suiting samples on LSM systems with Airyscan detection module.	Carl Zeiss	410136-2147-370	Each	$19,365.93	4.0%	$18,591.29
Science Laboratory and Teaching Supplies	**410136-2178-380**	ZEN Module Dynamics Profiler Basic ZEN Module Dynamics Profiler Basic Floating License with basic correlation analysis functionality.	Carl Zeiss	410136-2178-380	Each	$11,335.58	4.0%	$10,882.16
Science Laboratory and Teaching Supplies	**410136-2179-380**	ZEN Module Dynamics Profiler Advanced Floating License ZEN Module Dynamics Profiler Advanced Floating License with additional flow- and diffusion analysis functionality. The Module Dynamics Profiler Basic Floating License is required as a prerequisite.	Carl Zeiss	410136-2179-380	Each	$17,002.30	4.0%	$16,322.21
Science Laboratory and Teaching Supplies	**410137-0178-380**	ZEN desk Module Dynamics Profiler Basic ZEN Module Dynamics Profiler Basic for ZEN desk with basic correlation analysis functionality.	Carl Zeiss	410137-0178-380	Each	$9,068.25	4.0%	$8,705.52
Science Laboratory and Teaching Supplies	**410136-0041-390**	ZEN Module SMLM The ZEN module SMLM is used for the detection and localization of single molecules in a plane or volume. Special acquisition modalities allow 3- dimensional acquisition via a phase ramp, as well as iterative sequential excitation of two differently labeled molecules.	Carl Zeiss	410136-0041-390	Each	$12,600.32	4.0%	$12,096.31
Science Laboratory and Teaching Supplies	**410136-0079-370**	ZEN Module Counting + Basic FCS Enables image acquisition in counting mode for GaAsP detectors: 2+4ch Quasar and 2+32ch Quasar (both need additional HW), 2+1ch Quasar, cooled MA-PMT and BiG.2. The Module also enables the acquisition of fluorescence correlation spectroscopy data (FCS) with one channel (autocorrelation) and provides one Fit Model.	Carl Zeiss	410136-0079-370	Each	$1,582.53	4.0%	$1,519.23

Science Laboratory and Teaching Supplies	**410136-0168-360**	ZEN Toolkit 2D Create flexible automatic measurement programs for the analysis of your 2D images. Set up an automatic measurement program for analyzing your data sets (e.g., time series, tile images and multiscene images) in just a few steps. A user-friendly wizard guides you through all the necessary settings, starting with the definition of the classes and the segmentation of objects, to the selection of measurement parameters. Create simple measurement programs consisting of a single class or set up powerful measurement programs with multiple classes, which you can also arrange hierarchically (objects within objects) or use the predefined zone-of-influence* measurement program if you want to detect objects in the periphery of other objects. Flexibly choose between different classical and AI-based segmentation methods for each class. You can improve your results using AI models (semantic or instance segmentation) especially for datasets which are particularly difficult to segment. This toolkit is "AI-ready", which means you can use any trained AI model in the analysis program without requiring another license. Simply load a model previously trained with the ZEN Toolkit AI in ZEN or ZEN core into the Image Analysis Wizard, or use DNNs trained on arivis Cloud. Subsequently, you can further refine the segmentation results, e.g., by using algorithms for object separation or by applying region filters, if necessary. To quantify the detected objects, a variety of measurement features are available, such as different geometrical (size, shape,...) or intensity features as well as user-defined measurement parameters*. After the analysis, the segmented images are displayed along with result tables and diagrams (e.g., scatterplot or heatmaps). Tables, diagrams, and images are linked so that you can interactively explore your results. You can also use	Carl Zeiss	410136-0168-360	Each	$5,290.08	4.0%	$5,078.48
Science Laboratory and Teaching Supplies	**410136-0172-360**	ZEN Toolkit 3D Unlock the full 3D potential with the Toolkit 3D. Explore your samples like never before with our state-of-the-art 3D viewer for microscopy. Equip yourself with a collection of sophisticated visualization methods and data navigation tools. This toolkit offers multiple types of rendering modes that best fit your application in life science and material science. Features and benefits: - High-resolution 3D visualization: experience detailed, vibrant images of your samples with exceptional accuracy. - Interactive navigation: rotate, zoom, and explore your specimen from any angle with intuitive controls. - Orthogonal 2D projections in XZ, ZY and XY: deeply investigate a 3D volume by interacting with the slices in the 3D viewer by changing the position and angles of the slice. Identify regions of interest visually by interacting with the thickness of the slice, showing the maximum, minimum or average intensity projection of the defined slices*. - Multi-platform compatibility across LM, EM and XRM seamlessly integrated with major microscopy systems and operating platforms. - Customizable analysis tool in ZEN**, compatible with Guided Acquisition: tailor segmentation tools to your specific research needs based on conventional as well as AI-based methods delivering geometric and intensity measurements. Designed to deliver unparalleled depth, precision, and clarity, this advanced tool brings your microscopic research to life in three dimensions. The toolkit requires a dedicated graphics card with full OpenGL 4.6+ support. *Not supported in ZEN (blue) **Not supported in ZEN core	Carl Zeiss	410136-0172-360	Each	$6,611.53	4.0%	$6,347.07

Science Laboratory and Teaching Supplies	**410136-0182-390**	ZEN Module Spectral RICS Single-molecule analysis based on raster image correlation spectroscopy. The calculation of CPM (Counts per Molecule) values allows the optimization of the hardware settings for the experiment. The calibration step with known dye solutions defines the confocal volume for quantitative data. Images of several different fluorescently labeled molecules can be clearly separated into image channels using single spectra. The typical crosstalk of the signals into other channels is thus resolved, which enables the calculation of correlations of different molecules to each other (cross-correlation). For analysis, regions in the image can be defined and threshold values can be set. Analysis masks can be created based on image regionsof the same image or a different image. The analysis uses a model of the three-dimensional diffusion of a single molecule. There are three different representations of the analysis to choose from: threshold-based standard analysis, Grid-based heatmap and Intensity-based heat map. In addition to the diffusion velocities, various other result parameters are summarized in a table.	Carl Zeiss	410136-0182-390	Each	$6,597.62	4.0%	$6,333.72
Science Laboratory and Teaching Supplies	**410136-0192-390**	SW ZEN Module Airyscan f/LSM 900 DLic Module for processing of image data acquired with Airyscan. Includes the option to acquire and save data using the 32 phase format.	Carl Zeiss	410136-0192-390	Each	$6,703.55	4.0%	$6,435.41
Science Laboratory and Teaching Supplies	**410136-2003-370**	ZEN Modul FCS FCCS Add-on extended Fit Models Floating License The module enables global fitting for all data sets loaded and contains extended parameter sets for Fit models as well as the ability to create own Fit Models. Floating License allows theflexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2003-370	Each	$13,421.01	4.0%	$12,884.17
Science Laboratory and Teaching Supplies	**410136-2038-370**	ZEN Module Confocal Topography Floating Licenses Module for analysis of surface data and visualisation of measument results. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2038-370	Each	$8,008.95	4.0%	$7,688.59
Science Laboratory and Teaching Supplies	**410136-2041-390**	ZEN Module SMLM floating license The ZEN module SMLM is used for the detection and localization of single molecules in a plane or volume. Floating license allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2041-390	Each	$15,752.54	4.0%	$15,122.44
Science Laboratory and Teaching Supplies	**410136-2133-390**	ZEN Module Lattice SIM floating license ZEN Module Lattice SIM includes algorithms for reconstruction of SIM images using linear and iterative methods. Floating license allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2133-390	Each	$36,363.95	4.0%	$34,909.39
Science Laboratory and Teaching Supplies	**410136-2136-370**	ZEN Module LSM plus Floating License Module for resolution enhancement of confocal channels Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2136-370	Each	$18,980.73	4.0%	$18,221.50

Science Laboratory and Teaching Supplies	**410136-2174-360**	ZEN Toolkit Molecular Quantification Floating License Includes functions for the for investigation of diverse dynamic and molecular interaction phenomena of diverse specimens Physiology Tool for the analysis of physiological time series data, withRatiometric measurements, including mean ROI measurement. Includes specialised charting and viewing functions FRAP Efficiency Analysis Analysis of FRAP/FLIP or similar time series acquisitions with bleach events to determine the half time of recovery/ decrease of fluorescent signals using mono or bi-exponential fit algorithms including options for background correction, correction of imaging induced photo bleaching and the possibility to evaluate grouped ROIs. FRET Analysis of FRET data whichhave been created with either "Sensitized Emission" or "Acceptor Photobleaching" approaches. Includes a special FRET View with calculation of control parameters, a color coded display of the resulting images as well as the intensity changes of selected image regions. The most common methods are supported: Gordon, Xia, Youvan. Automated Photomanipulation For LSM 900/980 and Celldiscoverer 7 with LSM 900 For automated photoactivation and bleaching at multiple positions. The ROIs for photomanipulation are automatically determined and applied in the experiment. Allows the automated acquisition of an image at every position, the identification of the ROIs via image analysis followed by the photomanipulation experiment. The photomanipulationisexecuted either atall tile regions per time point (photoactivation) or as full time series per tile region (bleaching). Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2174-360	Each	$12,787.57	4.0%	$12,276.07
Science Laboratory and Teaching Supplies	**410136-2175-310**	ZEN Toolkit Bio Apps Floating License Easy-to-use image analysis for standard life science applications. Choose from the selection of Bio Apps the one, that fits your application. Simply adapt the preconfigured Bio App with just a few clicks to your data if necessary. The Toolkit provides the following Bio Apps: - Cell counting: quantify fluorescently labeled nuclei - Confluency: quantify the area covered by cells - Gene and protein expression: quantify gene and protein expression levels - Automated spot detection: count and quantify spots inside cell nuclei and/or cytoplasm - Translocation: quantify the intensity ratio between cytoplasm and cell nuclei Make use of fast, classical segmentation methods or powerful AI models to detect your cells even more accurately. This toolkit is "AI-ready", meaning you can use previously trained AI models without needing another license. Simply load an AI model trained with the ZEN Toolkit AI or a deep learning model trained on arivis Cloud for semantic or instance segmentation in the Bio App. In the dedicated result view, the segmented images are displayed along with customized results tables and diagrams to give you a quick overview of your sample. Tables, charts, and images are interlinked so that you can explore the results interactively. All Bio Apps offer a heatmap view, making them particularly suitable for analyzing experiments in multi-well plates. They support both 2D endpoint and live cell assays. - Get started fast with a Bio Aps tailored to your application - Predefined parameters allow for easy operation - Choose between fast classical segmentation or powerful AI-models for challenging segmentation tasks: use AI models trained with the ZEN Toolkit AI or deep learning models trained on arivis Cloud with semantic or instance* segmentation (*not for Confluency) - Visualize your results with dedicated and	Carl Zeiss	410136-2175-310	Each	$3,091.23	4.0%	$2,967.58
Science Laboratory and Teaching Supplies	**410137-0041-390**	ZEN desk Module SMLM The ZEN module SMLM is used for the detection and localization of single molecules in a plane or volume.	Carl Zeiss	410137-0041-390	Each	$6,302.30	4.0%	$6,050.21
Science Laboratory and Teaching Supplies	**410137-0133-390**	ZEN desk Module Lattice SIM ZEN Module Lattice SIM includes algorithms for reconstruction of SIM images using linear and iterative methods.	Carl Zeiss	410137-0133-390	Each	$10,586.58	4.0%	$10,163.12
Science Laboratory and Teaching Supplies	**410137-0179-380**	ZEN desk Module Dynamics Profiler Advanced ZEN Module Dynamics Profiler Advanced for ZEN desk with additional flow- and diffusion analysis functionality. The ZEN desk Module Dynamics Profiler Basic is required as a prerequisite.	Carl Zeiss	410137-0179-380	Each	$13,601.84	4.0%	$13,057.77

Science Laboratory and Teaching Supplies	**410136-0038-370**	ZEN Module Confocal Topography Module for analysis of surface data and visualisation of measument results.	Carl Zeiss	410136-0038-370	Each	$14,220.30	4.0%	$13,651.49
Science Laboratory and Teaching Supplies	**410136-0059-370**	ZEN Processing Software Package for Lightsheet Z.1/ 7 The Package features the reconstruction and analysis of 3D Multi-View data into a conventional 3D volume data set (deconvolution, registration and fusion). It can access image data of a still active time series to enable the start of data processing after the completion of the first timepoint of potentially very long time series.	Carl Zeiss	410136-0059-370	Each	$4,286.42	4.0%	$4,114.96
Science Laboratory and Teaching Supplies	**410136-0061-370**	ZEN Module Correlative Array Tomography (CAT) Module for automated image acquisition of ultrathin sections in widefield microscopes. The software module includes image acquisition, the Z-stack alignment and the correlation of the Z-stacks. - Wizard-based workflow solution - Precise correlative calibration in widefield microscopes - Hierarchical image acquisition using the full range of magnification - Definition and imaging of regions of interest and even imaging of complete sections - Automated large area imaging - 3D reconstruction of 3D datasets (Z-stacks) - Registration of correlative 3D datasets - Using the full potential of the ZEN imaging software on the light microscope - Can be used as a non-correlative array tomography module	Carl Zeiss	410136-0061-370	Each	$10,312.66	4.0%	$9,900.15
Science Laboratory and Teaching Supplies	**410136-0126-370**	ZEN Module EM Image Processing Toolbox Module that provides special image processing functions for the processing of EM data. The module consists of a group of algorithms for the processing of EM datasets, such as drift correction, histogram equalization, noise reduction and removal of curtaining artifacts. This module is especially suitable for the processing of EM data acquired under cryo-conditions. If the PC system is equipped with a NVIDIA GPU it is possible to use the GPU-version for the "Remove Stripes" image processing function and speedup the processing time. It is recommended to use at least a workstation with a NVIDIA GPU with at least 4 GB of memory (and install latest Nvidia drivers).	Carl Zeiss	410136-0126-370	Each	$9,730.58	4.0%	$9,341.36
Science Laboratory and Teaching Supplies	**410136-0173-370**	ZEN Toolkit Deconvolution Sharpen your images with mathematically exact deconvolution and make previously unknown structures visible by increasing your image contrast and resolution. Execute the underlying iterative 3D DCV algorithms by leveraging multi-GPU in just minutes. You have the choice between preset parameters and free parameter selection in expert mode.	Carl Zeiss	410136-0173-370	Each	$14,304.83	4.0%	$13,732.64
Science Laboratory and Teaching Supplies	**410136-0174-370**	ZEN Toolkit Molecular Quantification Includes functions for the for investigation of diverse dynamic and molecular interaction phenomena of diverse specimens Physiology Tool for the analysis of physiological time series data, with Ratiometric measurements, including mean ROI measurement. Includes specialised charting and viewing functions FRAP Efficiency Analysis Analysis of FRAP/FLIP or similar time series acquisitions with bleach events to determine the half time of recovery / decrease of fluorescent signals using mono or bi-exponential fit algorithms including options for background correction, correction of imaging induced photo bleaching and the possibility to evaluate grouped ROIs. FRET Analysis of FRET data which have been created with either "Sensitized Emission" or "Acceptor Photobleaching" approaches. Includes a special FRET View with calculation of control parameters, a color-coded display of the resulting images as well as the intensity changes of selected image regions. The most common methods are supported: Gordon, Xia, Youvan. Automated Photomanipulation For LSM 900/980 and Celldiscoverer 7 with LSM 900 For automated photoactivation and bleaching at multiple positions. The ROIs for photomanipulation are automatically determined and applied in the experiment. Allows the automated acquisition of an image at every position, the identification of the ROIs via image analysis followed by the photomanipulation experiment. The photomanipulation is executed either a tall tile regions per time point (photoactivation) or as full time series per tile region (bleaching).	Carl Zeiss	410136-0174-370	Each	$12,235.45	4.0%	$11,746.03

Science Laboratory and Teaching Supplies	**410136-0176-370**	ZEN Module Lattice Lightsheet Processing Lattice Lightsheet specific image processing functions for data collected with this instrument. Includes the processing functions Deskew and Subset. Both can be used singly or in combination. Furthermore, there is the possibility to start a deconvolution (singly or in combination with the other two Processing functions) if the deconvolution toolkit required for deconvolution is installed.	Carl Zeiss	410136-0176-370	Each	$3,688.29	4.0%	$3,540.76
Science Laboratory and Teaching Supplies	**410136-0183-311**	ZEN Module Apotome Plus Enable Apotome to deliver sub-diffraction resolution and improved image contrast with the mathematically exact Apotome Plus function. The underlying joint deconvolution algorithms deliver quantitative results for accurately revealing previously indiscernable structures. You have the choice between preset parameters and free parameter selection in expert mode. Apotome Plus uses GPU resources for reducing processing times to a minimum.	Carl Zeiss	410136-0183-311	Each	$3,855.21	4.0%	$3,701.00
Science Laboratory and Teaching Supplies	**410136-2126-360**	ZEN Module EM Image Processing Toolbox Floating License Module that provides special image processing functions for the processing of EM data. The module consists of a group of algorithms for the processing of EM datasets, such as drift correction, histogram equalization, noise reduction and removal of curtaining artifacts. This module is especially suitable for the processing of EM data acquired under cryo-conditions. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2126-360	Each	$10,169.28	4.0%	$9,762.51
Science Laboratory and Teaching Supplies	**410136-2176-370**	ZEN Modul Lattice Lightsheet Processing Floating License Lattice Lightsheet specific image processing functions for data collected with this instrument. Includes the processing functions Deskew and Subset. Both can be used singly or in combination. Furthermore, there is the possibility to start a deconvolution (singly or in combination with the other two Processing functions) if the deconvolution toolkit required for deconvolution is installed. Floating License allows the flexible usage of the license on different clients within a network environment.	Carl Zeiss	410136-2176-370	Each	$3,855.21	4.0%	$3,701.00
Science Laboratory and Teaching Supplies	410136-2183-311	ZEN Module Apotome Plus floating license Enable Apotome to achieve sub-diffraction resolution and improved image contrast with the mathematically exact Apotome Plus function. The underlying joint deconvolution algorithms deliver quantitative results foraccurately revealing previously unknown structures. You have the choice between preset parameters and free parameter selection in expert mode. Apotome Plus uses GPU resources for reducing processing times to a minimum.	Carl Zeiss	410136-2183-311	Each	$4,819.28	4.0%	$4,626.51
Science Laboratory and Teaching Supplies	410137-0059-370	**ZEN desk Processing Software Package for Lightsheet 7**	Carl Zeiss	410137-0059-370	Each	$2,142.14	4.0%	$2,056.45
Science Laboratory and Teaching Supplies	410137-0064-380	**ZEN Module Airyscan for ZEN desk Module for processing of image data acquired with Airyscan. Includes the option for acquisition and saving of data using the 32 phase format.**	Carl Zeiss	410137-0064-380	Each	$3,483.92	4.0%	$3,344.56
Science Laboratory and Teaching Supplies	410137-0147-370	**ZEN desk Module Airyscan Joint Deconvolution ZEN desk Module Airyscan Joint Deconvolution, additional deconvolution for Airyscan SR data (4 or 32 phase format). Intelligent algorithm based on Joint Iterative methods. Selectable iteration number for maximum results and ease of use. Provides superresolution results down to 90nm lateral resolution with suitable samples on LSM systems with Airyscan detection module.**	Carl Zeiss	410137-0147-370	Each	$8,565.35	4.0%	$8,222.74
Science Laboratory and Teaching Supplies	410137-0176-370	ZEN desk Module Lattice Lightsheet Processing Lattice Lightsheet specific image processing functions for data collected with this instrument. Includes the processing functions Deskew and Subset. Both can be used singly or in combination. Furthermore, there is the possibility to start a deconvolution (singly or in combination with the other two Processing functions) if the deconvolution toolkit required for deconvolution is installed.	Carl Zeiss	410137-0176-370	Each	$1,758.01	4.0%	$1,687.69

Science Laboratory and Teaching Supplies	410137-0183-311	ZEN desk Module Apotome Plus Enable Apotome to achieve sub-diffraction resolution and improved image contrast with the mathematically exact Apotome Plus function. The underlying joint deconvolution algorithms deliver quantitative results for accurately revealing previously unknown structures. You have the choice between preset parameters and free parameter selection in expert mode. Apotome Plus uses GPU resources for reducing processing times to a minimum.	Carl Zeiss	410137-0183-311	Each	$1,927.07	4.0%	$1,849.99
Science Laboratory and Teaching Supplies	410136-0155-311	ZEN Module Coded Microscope Module for reading out coded microscope components. The module enables the display of coded components such as objectives and reflector cubes. Moreover the position of a coded stage can be read out and displayed. Only available for ZEN starter and ZEN lite.	Carl Zeiss	410136-0155-311	Each	$969.42	4.0%	$930.64
Science Laboratory and Teaching Supplies	410136-0163-350	ZEN Toolkit GxP The GxP Toolkit for ZEN core allows the user to declare his system 21 CFR Part 11 compliant if a validation of the system is performed. The GxP Toolkit enables following functionalities: - Audit Trail - checksum encrypting protection and electronic signature of result data and job templates in the ZEN core archive - release procedure for Job Templates - different user roles (e.g. operator and supervisor) allowing configurable access to the system Note: The system validation is not included in the Toolkit and has to be performed by ZEISS or other personal that is trained and certified on the GxP validation process.	Carl Zeiss	410136-0163-350	Each	$8,264.68	4.0%	$7,934.09
Science Laboratory and Teaching Supplies	410136-0169-380	ZEN Toolkit AI Make use of powerful AI tools. With this package, you can train AI models in ZEN and ZEN core for various applications: - Solve your most challenging segmentation tasks within ZEN and ZEN core image analysis workflows. - Classify segmented objects with ZEN Toolkit 2D using powerful AI models - De-noise your images using deep learning methods based on Noise2Void Train your AI models in a tool optimized specifically for each workflow. The ease of use allows even non-experts to fully utilize the training tools and benefit from powerful AI methods. Thanks to a seamless integration in ZEN and ZEN core, you can use your models directly in the different toolkits (e.g. 2D Toolkit, Bio Apps Toolkit, Smart Acquisition Toolkit, Technical Cleanliness Analysis, Materials Apps Toolkit) and thus easily process multidimensional datasets such as Z-stacks, time series, multichannel and tiled images. The package supports all image data formats that can be opened in ZEN and ZEN core, meaning you can also process file formats from other vendors imported via the 3rd party import. The complete ZEN platform is "AI ready", i.e. you can run the once trained models in all supported toolkits in ZEN and ZEN core. As an alternative to an own training with the ZEN Toolkit AI, you can let annotation of your data sets and training of a Deep Neural Network be performed as part of a custom solution (SCS) and just use the specifically trained networks in the various toolkits. Requirements: - The use of AI semantic segmentation requires an installation of Zeiss Python. Recommended hardware configuration is 8GB GPU and 64GB RAM. Only the CPU and Nvidia-GPUs are supported. A one-year subscription for the arivis Cloud platform is included allowing to train AI models for ZEN and ZEN core using arivis AI services.	Carl Zeiss	410136-0169-380	Each	$12,695.55	4.0%	$12,187.73
Science Laboratory and Teaching Supplies	410136-0171-360	ZEN Toolkit Developer Customization, extension and automation of ZEN and ZEN core. With this package, users can create automated workflows in ZEN and ZEN core and automate image acquisition, image processing and analysis steps. The package includes an integrated Development Environment (IDE) with editor, debugger and recorder* which allows the control of selected ZEN and ZEN core functionality via scripts. With this macro interface and the Python programming language, users can create both simple macro code as well as advanced scripts. Users can further extend the functionality by including additional libraries. This package also allows to control of ZEN via TCP/IP* and COM* remotely. (*not available for ZEN core)	Carl Zeiss	410136-0171-360	Each	$4,959.45	4.0%	$4,761.07

Science Laboratory and Teaching Supplies	410136-2169-380	ZEN Toolkit AI Floating License Make use of powerful AI tools. With this package, you can train AI models in ZEN and ZEN core for various applications: - Solve your most challenging segmentation tasks within ZEN and ZEN core image analysis workflows. - Classify segmented objects with ZEN Toolkit 2D using powerful AI models - De-noise your images using deep learning methods based on Noise2Void. Train your AI models in a tool optimized specifically for each workflow. The ease of use allows even non-experts to fully utilize the training tools and benefit from powerful AI methods. Thanks to a seamless integration in ZEN and ZEN core, you can use your models directly in the different toolkits (e.g. 2D Toolkit, Bio Apps Toolkit, Smart Acquisition Toolkit, Technical Cleanliness Analysis, Materials Apps Toolkit) and thus easily process multidimensional datasets such as Z-stacks, time series, multichannel and tiled images. The package supports all image data formats that can be opened in ZEN andZEN core, meaning you can also process file formats from other vendors imported via the 3rd party import. The complete ZEN platform is "AI ready", i.e. you can run the once trained models in all supported toolkits in ZEN and ZEN core. As an alternative toan own training with the ZEN Toolkit AI, you can let annotation of your data sets and training of a Deep Neural Network be performed as part of a custom solution (SCS) and just use the specifically trained networks in the various toolkits. Requirements: - The use of AI semantic segmentation requires an installation of Zeiss Python. Recommended hardware configuration is 8GB GPU and 64GB RAM. Only the CPU and Nvidia-GPUs are supported. A one-year subscription for the arivis Cloud platform is included allowing to train AI models for ZEN and ZEN core using arivis AI services. The floating license allows	Carl Zeiss	410136-2169-380	Each	$15,870.24	4.0%	$15,235.43
Science Laboratory and Teaching Supplies	410136-3169-380	ZEN Toolkit AI 1 year license Make use of powerful AI tools. With this package, you can train AI models in ZEN and ZEN core for various applications: - Solve your most challenging segmentation tasks within ZEN and ZEN core image analysis workflows. - Classify segmented objects with ZEN Toolkit 2D using powerful AI models - De-noise your images using deep learning methods based on Noise2Void. Train your AI models in a tool optimized specifically for each workflow. The ease of use allows even non-experts to fully utilize the training tools and benefit from powerful AI methods. Thanks to a seamless integration in ZEN and ZEN core, you can use your models directly in the different toolkits (e.g. 2D Toolkit, Bio Apps Toolkit, Smart Acquisition Toolkit, Technical Cleanliness Analysis, Materials Apps Toolkit) and thus easily process multidimensional datasets such as Z-stacks, time series, multichannel and tiled images. The package supports all image data formats that can be opened in ZEN and ZEN core, meaning you can also process file formats from other vendors imported via the 3rd party import. The complete ZEN platform is "AI ready", i.e. you can run the once trained models in all supported toolkits in ZEN and ZEN core. As an alternative to an own training with the ZEN Toolkit AI, you can let annotation of your data sets and training of a Deep Neural Network be performed as part of a custom solution (SCS) and just use the specifically trained networks in the various toolkits. Requirements: - The use of AI semantic segmentation requires an installation of Zeiss Python. Recommended hardware configuration is 8GB GPU and 64GB RAM. Only the CPU and Nvidia-GPUs are supported. A one-year subscription for the arivis Cloud platform is included allowing to train AI models for ZEN and ZEN core using arivis AI services. License validity period: 1 year from	Carl Zeiss	410136-3169-380	Each	$3,779.24	4.0%	$3,628.07

Science Laboratory and Teaching Supplies	410135-0031-360	ZEN Data Storage Server Database for storage and multi-client access of documents on a centralized server. ZEN applications can connect to the server as clients to store and retrieve data. ZEN Data Storage provides a client-server database solution for microscopy customers who deal with the storage of large amounts of data originating from one or several microscopes. ZEN Data Storage allows the exchange of data and workflows and supports microscopists who want to separate image acquisition from post-acquisition work. In this way it also facilitates correlative workflows where the data of a sample can be accessed from a centralized location. "Server side rendering" based display enables the user to visualize also very large files in a fast and seamless way. The centralized ZEN Data Storage enables IT managers to ensure data security and backup availability. It allows to manage users and user rights within a laboratory or even across multiple sites. Main features: - Scalable server database solution based on MS-SQL server - Integration into existing server landscape possible - Multi-client concurrent access to data - Server based user and access management - Integration of user management with Active Directory possible - Data access management on user and group level (ZEN blue only) - Full archive integration for ZEN core including storage of documents and templates - Optional: Compatible with ZEN Module GxP in ZEN core The package includes: ZEN Data Explorer - browser or app based client which allows access and viewing of the data stored on the ZEN Data Storage. Main features: - Gallery for browsing, grouping and searching of data - Viewer for images and ZEN Connect projects - Basic annotation functionality - Upload of images and camera snapshots (app version only) - Download and Snapshot functionality - Available in Browser	Carl Zeiss	410135-0031-360	Each	$17,699.94	4.0%	$16,991.94
Science Laboratory and Teaching Supplies	410135-3031-380	ZEN Data Storage 1 Year License Database for storage and multi-client access of documents on a centralized server. ZEN applications can connect to the server as clients to store and retrieve data. ZEN Data Storage provides a client-server database solution for microscopy customers who deal with the storage of large amounts of data originating from one or several microscopes. ZEN Data Storage allows the exchange of data and workflows and supports microscopists who want to separate image acquisition from post-acquisition work. In this way it also facilitates correlative workflows where the data of a sample can be accessed from a centralized location. "Server side rendering" based display enables the user to visualize also very large files in a fast and seamless way. The centralized ZEN Data Storage enables IT managers to ensure data security and backup availability. It allows to manage users and user rights within a laboratory or even across multiple sites. Main features: - Scalable server database solution based on MS-SQL server - Integration into existing server landscape possible - Multi-client concurrent access to data - Server based user and access management - Integration of user management with Active Directory possible - Data access management on user and group level (ZEN blue only) - Full archive integration for ZEN core including storage of documents and templates - Optional: Compatible with ZEN Module GxP in ZEN core The package includes: ZEN Data Explorer - browser or app based client which allows access and viewing of the data stored on the ZEN Data Storage. License: The Arivis Hub Data Storage license (formerly ZEN Data Storage) is valid for one year and includes full access to the data base and it's functionalities as well as data access through the different clients (Uploader, ZEN Blue, ZEN Core, Data Explorer). Main features: -	Carl Zeiss	410135-3031-380	Each	$6,476.71	4.0%	$6,217.64

Science Laboratory and Teaching Supplies	410136-0078-370	Software Module LM-EM Correlative Microscopy Materials Module for image recording, navigation and correlation on light, digital and electron microscopes. - Software module for ZEN core and Smartzoom 5 software - Semi-automatic calibration of ZEISS Correlative Microscopy specimen holder - Manual calibration of custom holders and specimens with any type of fiducials - Definition of regions and points of interest (ROI/POI) - ZEN core only: Easy recovery of previously marked sample ROIs and POIs - ZEN core only: Alignment and overlay of light, digital and electron microscope images and creation of new overlay images - ZEN core only: Automated alignment of images using algorithms for key point detection	Carl Zeiss	410136-0078-370	Each	$4,087.40	4.0%	$3,923.90
Science Laboratory and Teaching Supplies	410136-0107-370	ZEN Module Sample Navigator Module for simple overview scan with autofocus function on LSM, with Axiocam or transmitted light fluorescence with T-PMT.	Carl Zeiss	410136-0107-370	Each	$400.18	4.0%	$384.17
Science Laboratory and Teaching Supplies	410138-0931-360	Upgrade ZEN Data Explorer Viewer Conversion of an existing ZEN Data Storage Server License (Version 22.40 or older) into a license compatible with version 23.xx (or higher). The price includes installation and setup of the ZEN Data Storage server and ZEN Data Storage clients via remote desktop sharing by ZEISS Service. The newly integrated viewer, based on server side rendering, significantly enhances the display performance which is mainly reflected in the fast display of large and very large image files. Server hardware not included and must be purchased separately. System requirements (ZEN Data Storage Server): Memory: 16 GB (required), 32 GB (recommended) Processor: Quad-core@2GHz (required), Octa-core@2.4GHz (recommended) Storage: RAID1 or RAID6 recommended for data redundancy Operating system: Windows Server 2016 or higher SQL-Version (if existing): MS-SQL 2016 or higher Network: 1Gb/s (required), 10Gb/s (recommended) System requirements (ZEN Data Explorer): iOS: Device: iPhone 6s or newer; Ipad 5 or newer (Mini versions not supported) iOS Version: 13 or later Browser: Safari Android: Device: Samsung Galaxy Tab S (SM-T830) or newer Android Version: Android 8.1 or later Windows: Browser: Google Chrome 88.0.4324.104 (64-bit)	Carl Zeiss	410138-0931-360	Each	$4,650.22	4.0%	$4,464.21
Science Laboratory and Teaching Supplies	410135-0030-200	Labscope Teacher 2 Labscope Teacher 2 is a licensed server SW for digital classroom management and interactive teaching and learning, it provides the following features: - Broadcast of teachers microscope view to students in real time - Chat function for text and emojis - Shared class folders for easy file sharing and storage - Students can use any iOS, Android or Windows device to participate in class - Teachers use a SW Labscope Teacher on a Windows device Note: The Labscope Teacher installation consists of two parts: the server part and the teacher client part. You can install both on the same PC/laptop or install the server part on a PC and the teacher client on a laptop. The license must be activated viathe license management tool on the server part of the PC/laptop. For the required PC specifications and other details, please refer to the product information or the Quick Installation Guide.	Carl Zeiss	410135-0030-200	Each	$6,289.46	4.0%	$6,037.88
Science Laboratory and Teaching Supplies	410136-0129-100	Labscope Module Multi Channel DLic The Labscope module Multi Channel Fluorescence (MCF) provides an easy solution for acquisition of fluorescence and transmitted light images in independent channels. - acquisition of up to 4 fluorescence channels + 1transmitted light channel - smart fluorescence channel overwrite - easy fluorescence channels setup with manual microscopes - compatibility with Smart Microscopy - multichannel view including image processing - report generation with MCF images	Carl Zeiss	410136-0129-100	Each	$689.08	4.0%	$661.52

Science Laboratory and Teaching Supplies	410136-0130-100	Labscope Module Fast Panorama DLic The Labscope module Fast Panorama allows the easy acquisition of whole slide images (WSI) with manual microscopes. By manually moving the stage, images of the specimen will be stitched together automatically into a panoramic image. - flexible in sample - flexible in magnification and objective class - flexible in contrast methods - shading correction - improved stitching - position search function Notice: Currently the function works with ZEISS Axiocam305 only. FL (fluorescence light) mode is not suitable for Fast Panorama acquisition. The required PC spec: i5 (8th Gen) quad-core @3.0GHz or above; 8GB RAM or above.	Carl Zeiss	410136-0130-100	Each	$2,943.57	4.0%	$2,825.83
Science Laboratory and Teaching Supplies	410136-0149-100	Labscope Module AI Cell Confluency DLic The Labscope module AI Cell Confluency is an AI based solution that automatically determines the confluency level of the adherent cell culture. It delivers repeatable, objective results and does not require manual parameter adjustments. - push-button solution - analysis result within seconds - works for live images and stored images - accumulation of multiple images possible - numeric and visual result Observation type: Primarily optimized for phase contrast images of adherent cell cultures	Carl Zeiss	410136-0149-100	Each	$795.01	4.0%	$763.21
Science Laboratory and Teaching Supplies	410136-0150-430	Labscope Module AI Cell Counting DLic The Labscope module AI Cell Counting is an AI based solution that automatically determines the number of adherent cells in the field of view. It does also support cell nuclei counting in fluorescence. It delivers repeatable, objective results and does not require manual parameter adjustments. - push-button solution - analysis result within seconds - works for live images and stored images - accumulation of multiple images possible - fluorescence based cell nuclei counting is applicable in Manual, Auto and Repeat modes of multichannel acquisition - numeric and visual result Observation type: Primarily optimized for phase contrast images of adherent cell cultures, and fluorescently stained cell nuclei.	Carl Zeiss	410136-0150-430	Each	$763.98	4.0%	$733.42
Science Laboratory and Teaching Supplies	410136-1151-100	Axiocam 305 color Package with Labscope Module Fast Panorama (D) consisting of the camera Axiocam 305 color and the Labscope Module Fast Panorama. Camera specification: Microscopy camera incl. driver software 64bit, USB 3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter Hoya C5000 (coated) Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel color Sensor type: SONY IMX264 Exmor Pregius Global Shutter CMOS Pixel size: 3.45 #m x 3.45 #m Chip size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral range: With IR barrier filter app. 400 nm to 720 nm Full Well Capacity: Approx. 10,500 e Selectable Resolution: H x V Binning Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608x 514 4x4 480 x 410 5x5 H x V Subsampling Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 Live frame rates (depending on hardware and software configuration): H x V Frame Rate@1ms 2464 x 2056 36 fps 1232 x 1028 88 fps (2x2 Subsampling) Frame rates for time series recording (depending on computer hardware and software configuration) H x V(ROI) Frame Rate 2464 x 2056 36 fps 2048 x 2048 36 fps 1920 x 1080 67 fps 1024 x 1024 70 fps 512 x 512 136 fps 256 x 256 255 fps 128 x 128 456 fps Readout of Sensor Sub-Regions ("ROI"): Adjustable Digitization: 8 and 12 Bit / Pixel Dynamic Range: Typical > 4800 : 1 (>73 dB) at typ. 2.2 e readout noise Dark current: < 1.0 e/p/s @ 25°C Integration Time: 0.1 ms to to 4 s Cooling: Temperature stable @ 25°C for ambient temperatures between 18°C and 30°C Status-LED for Camera: color coded operation status, dimmable, Interface (camera): USB 3.0 interface Optional operation with USB 2.0connection at reduced frame rate Optical Interface: C-Mount Thread depth for objectives: max. 5 mm Size / Weight: approx. App. 10.8	Carl Zeiss	410136-1151-100	Each	$9,779.80	4.0%	$9,388.61

Science Laboratory and Teaching Supplies	410135-0053-311	ZEN desk 3.11 and arivis Cloud Pack Industry 1 year IND Combined package of a ZEN Desk Software and a one-year temporary license for arivis Cloud to help researchers get started with AI tools for image analysis. This package is only valid for Biotech/Pharma customers. ZEN desk Software: ZEN image processing under Windows 10 / Windows 11 x64 allows offline processing and analysis without microscope control. ZEN desk is not time limited. See ZEN desk Software for functions included. The arivis Cloud license (formerly APEER) is valid for one-year and includes full access to the cloud-based Deep Learning toolset as well as to pre-built applications. With up to 7000 min of computing time per month (~30 DL trainings or ~700 segmentations) and 1 TB of storagecustomers can train robust AI models for image segmentation via powerful neural networks with more than 6 million parameters. The trained AI models can be used locally in ZEN or arivis Pro, or in the cloud to free up computing capacities of local workstations. Usingthis state-of-the-art technology allows more efficient workflows and best performance for various image analysis tasks.	Carl Zeiss	410135-0053-311	Each	$8,516.13	4.0%	$8,175.48
Science Laboratory and Teaching Supplies	410154-3008-100	Special arivis Pro SW package for Volutome, 1 year Special arivis SW package for Volutome - includes a 1 year license of arivis Pro, arivis AI toolkit for 1 year, and a 3 hour web Training For academia Volutome customers only.	Carl Zeiss	410154-3008-100	Each	$3,957.93	4.0%	$3,799.61
Science Laboratory and Teaching Supplies	410155-0006-100	ZEISS arivis Visualization and Rendering Licensing, OEM 1 Unit Licensing costs per unit for any 2D/3D/4D+ interactive viewer capabilities for visualization of raw data or results with all partner customization requirements which are integrated into OEM partner commercial software.	Carl Zeiss	410155-0006-100	Each	$8,707.66	4.0%	$8,359.35
Science Laboratory and Teaching Supplies	410155-0007-100	ZEISS arivis Analysis Technology Licensing, OEM 1 Unit Licensing costs per unit for any analysis workflows such as segmentation algorithms, pipelines, or numerical output metrics with all partner customization requirements which are integrated into OEM partner commercial software.	Carl Zeiss	410155-0007-100	Each	$11,021.00	4.0%	$10,580.16
Science Laboratory and Teaching Supplies	410155-3003-102	arivis Hub POC Environment licensing, subscription 3 months - IND Licensing for POC (Proof -Of-Concept) arivis Hub environment on a workstation or in the cloud, configured identically to the purchased production environment. Limited to 3-months. For deployment in customers environment installation and configuration is charged separately (arivis Hub Implementation and configuration, per day).	Carl Zeiss	410155-3003-102	Each	$9,817.25	4.0%	$9,424.56
Science Laboratory and Teaching Supplies	410155-3008-102	ZEISS arivis Hub Data Management Solution (DMS), 1-year - IND arivis Hub Data Management Solution (DMS) provides customers with the following tools and capabilities: - managing of data (images) and documents (protocols, etc.) - hosting of a million documents with quick access - document tagging - client/server technology for access of document from abroad - viewer and measurement capabilities - watcher for automatic registration of datasets - user and group management - several hierarchy level to organize your documents - sorting of the displayed files Subscription license, industry customers only	Carl Zeiss	410155-3008-102	Each	$22,444.32	4.0%	$21,546.55

Science Laboratory and Teaching Supplies	410154-2002-102	ZEISS arivis Pro and AI Enterprise Package - IND This package is for industry customers and includes two full arivis Pro licenses including all modules and three arivis Cloud Premium licenses for access to arivis AI (local and cloud) 1. The arivis Pro Software license is a full package for visualization and analysis of multi-dimensional image data created by imaging systems. This package is intended for Industry customers only. This software allows fast and fully interactive visualization and analysis of large 2D, 3D and 4D data sets up to multiple terabytes. It allows flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classification and further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions and per cell or per compartment as well as stitching tools and many pre- processing tools for image enhancement are also included. The Function group Tracking allows analysis of object movements and object properties over time (i.e. particle tracking or tracking and lineage of nuclei, cells). The Function group Exchange Objects allows the import of binary mask and labeled images which are the result of segmentation functions in other programs or open source tools, creating 3D objects from z planes in arivis Pro. These can be integrated into the 4D image analysis pipeline. The Function group Volume Fusion allows to fuse two volumes with different rotation, translation, scaling and resolution to create a new volume for further processing and 3D rendering. Volumes can be adjusted and aligned based on a surface representation or via landmarks. The Function group SIS Converter Pro allows an automatic registration of	Carl Zeiss	410154-2002-102	Each	$41,219.61	4.0%	$39,570.83
Science Laboratory and Teaching Supplies	410154-2004-102	arivis Pro and AI Package subscription, float – IND This package is for industry customers and includes one full arivis Pro license including all modules and one arivis AI license package: 1. The arivis Pro Software license is a full package for visualization and analysis of multi-dimensional image data created by imaging systems. This package is intended for Industry customers only. This software allows fast and fully interactive visualization and analysis of large data sets up to multiple terabytes of 2D, 3D and 4D dataset It allows flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classification and further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions and per cell or per compartment as well as stitching tools and many pre- processing tools for image enhancement are also included. The Function group Tracking allows analysis of object movements and object properties over time (i.e. particle tracking or tracking and lineage of nuclei, cells). The Function group Exchange Objects allows the import of binary mask and labeled images which are the result of segmentation functions in other programs or open source tools, creating 3D objects from z planes in arivis Pro. These can be integrated into the 4D image analysis pipeline. The Function group Volume Fusion allows to fuse two volumes with different rotation, translation, scaling and resolution to create a new volume for further processing and 3D rendering. Volumes can be adjusted and aligned based on a surface representation or via landmarks. The Function group SIS Converter Pro allows an automatic registration of files and converts them automatically to the SIS format to	Carl Zeiss	410154-2004-102	Each	$21,983.15	4.0%	$21,103.82

Science Laboratory and Teaching Supplies	410154-2004-202	ZEISS arivis Pro Package, Floating, 1 year - IND The arivis Pro Software license is a full package for visualization and analysis of multi-dimensional image data derived from various imaging modalities (Brightfield, Fluorescence, and EM) of various fileformats for 2D or 3/4D images. This package is intended for Industry customers only and includes one year access to a full arivis Pro license including all modules: 1. arivis Pro 3D Visualization and Data Analysis Module for fast and fully interactive visualization and analysis of large data sets of 2D, 3D and 4D dimensionality and up to multiple terabytes. This module includes dedicated tools for flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classification and further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions as well as stitching tools and many pre-processing tools for image enhancement are also included. 2. arivis Pro Local Deep Learning Trainer Module which includes a local Deep Learning training interface. This allows users to locally train Deep Learning (DL) models on their workstation. These trained models can be seamlessly used in arivis Pro pipelines for flexible 3D object analysis (volume, surface area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based) and other advanced analyses (quantification of object relationships, distances). Does not include access to the online Deep Learning Training Platform through ZEISS arivis Cloud, but allows execution of models trained in ZEISS arivis Cloud locally. 3. arivis Pro Tracking <(>&<)> Lineage Module allows analysis of object movements and object properties	Carl Zeiss	410154-2004-202	Each	$21,732.77	4.0%	$20,863.46
Science Laboratory and Teaching Supplies	410154-2007-102	ZEISS arivis Hub Enterprise Package - IND This package is for industry customers and includes one full arivis Pro license including all modules and one arivis Cloud Premium license and one arivis Hub Package for server-based image processing: 1. The arivis Pro Software license is a full package for visualization and analysis of multi-dimensional image data created by imaging systems. This package is intended for Industry customers only. This software allows fast and fully interactive visualization and analysis of large 2D, 3D and 4D data sets up to multiple terabytes. It allows flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classification and further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions and per cell or per compartment as well as stitching tools and many pre-processing tools for image enhancement are also included. The Function group Tracking allows analysis of object movements and object properties over time (i.e. particle tracking or tracking and lineage of nuclei, cells). The Function group Exchange Objects allows the import of binary mask and labeled images which are the result of segmentation functions in other programs or open source tools, creating 3D objects from z planes in arivis Pro. These can be integrated into the 4D image analysis pipeline. The Function group Volume Fusion allows to fuse two volumes with different rotation, translation, scaling and resolution to create a new volume for further processing and 3D rendering. Volumes can be adjusted and aligned based on a surface representation or via landmarks. The Function group SIS Converter Pro allows an automatic registration of	Carl Zeiss	410154-2007-102	Each	$103,049.56	4.0%	$98,927.58
Science Laboratory and Teaching Supplies	410155-5002-102	arivis Hub Server Base Management, subscription - IND arivis Hub Server Base Management system is a server-based software dedicated to image management and data viewing capabilities. Users connected to the server and to the arivis Hub can: - upload anddownload image data, - register natively supported file formats (SIS, CZI, TIFF, OME-TIFF, JPEG) - easily access image data from any device with easy 2D file viewing - create 2D manual annotations such as arrows, text, circles, and polygons - performquick manual 2D measurements such distances and areas Annual subscription. Includes 5 named users	Carl Zeiss	410155-5002-102	Each	$22,471.07	4.0%	$21,572.23

Science Laboratory and Teaching Supplies	410156-0013-102	arivis Hub 3D Visualization Pack subscription - IND Server-based 3D rendering capabilities for both volume data The arivis Hub 3D Visualization Module includes 1x 3D Stream Package to support 2 parallel streams. Annual subscription	Carl Zeiss	410156-0013-102	Each	$14,779.91	4.0%	$14,188.71
Science Laboratory and Teaching Supplies	410156-0014-102	arivis Hub Workflow Execution, subscription - IND arivis Hub module dedicated to running and archiving image analysis pipelines created with arivis Pro. This module includes tools for: management of pipelines, running pipelines on selected images, scheduling image analysis jobs, visualizing objects and results of executed analysis jobs, exporting objects and results, access to extracted numerical results. This module includes 1 CPU Core Pack to support 1x16 cores for image processing and 1x arivis Pro full annual subscription license (all modules, floating) as well as 2x SIS Converter Pro floating licenses. Annual subscription	Carl Zeiss	410156-0014-102	Each	$13,719.54	4.0%	$13,170.76
Science Laboratory and Teaching Supplies	410156-0014-202	ZEISS arivis Hub Analysis Workflow Execution, 1 year - IND The ZEISS arivis Hub Analysis Workflow Execution module is dedicated to running and archiving image analysis pipelines created with arivis Pro. This module includes tools for: management of pipelines, running pipelines on selected images, scheduling image analysis jobs, visualizing objects and results of executed analysis jobs, exporting objects and results, and access to extracted numerical results. This module includes 1 CPU Core Pack to support 1x16 cores for image processing. Annual time-limited license for Industry customers (1-year). Requires quoting of a license of ZEISS arivis Pro Package, Floating, 1 year - IND and a license of ZEISS arivis Cloud, 1-year Subscription - IND with purchase.	Carl Zeiss	410156-0014-202	Each	$13,705.63	4.0%	$13,157.40
Science Laboratory and Teaching Supplies	410156-0015-102	arivis Hub HCA Module, subscription - IND arivis Hub module for visualizing well-plate data in well format and heatmap view of results over well plate for workflow runs. Includes a watcher for automatic mounting of HCA file formats (CZI, SIS, Revvity Opera <(>&<)> Operetta, Yokogawa CV8000, CQ1 <(>&<)> CPf, MolDev/GE InCell 2200 <(>&<)> 6000 (.xdce), Olympus .vsi, Hamamatsu .ndpi (not ndpis)) Requires Workflow Execution Module Annual subscription	Carl Zeiss	410156-0015-102	Each	$14,188.20	4.0%	$13,620.67
Science Laboratory and Teaching Supplies	410156-0016-102	arivis Hub 3D Stream Pack (2 streams), subscription - IND Additional parallel streams for server-based 3D rendering of volume and object data. One 3D Stream Package allows for 2 additional simultaneous 3D render streams. Appropriate GPU performance needs to be provided by customer. GPUs can be shared by multiple streams (splitting performance and memory). Annual subscription	Carl Zeiss	410156-0016-102	Each	$6,860.84	4.0%	$6,586.41
Science Laboratory and Teaching Supplies	410156-0017-102	arivis Hub User Management Basic, subscription - IND The User Management Module Basic includes the capacity for up to 25 concurrent, named users and can be connected to an LDAP or active directory server. Annual subscription	Carl Zeiss	410156-0017-102	Each	$26,603.41	4.0%	$25,539.27
Science Laboratory and Teaching Supplies	410156-0019-102	arivis Hub User Management Advanced subscription - IND The User Management Module Advanced Package includes the capacity for up to 100 concurrent, named users and can be connected to an LDAP or active directory server. Annual subscription	Carl Zeiss	410156-0019-102	Each	$76,860.24	4.0%	$73,785.83
Science Laboratory and Teaching Supplies	410156-0020-102	arivis Hub User Mgmt Enterprise, subscription - IND The User Management Module Enterprise Package includes the capacity for up to 250 concurrent, named users and can be connected to an LDAP or active directory server. Annual subscription	Carl Zeiss	410156-0020-102	Each	$147,805.52	4.0%	$141,893.30
Science Laboratory and Teaching Supplies	410156-0021-102	arivis VisionHub - Image and Data Watcher, annual subscription arivis VisionHub module for watching files for automatic registration and workflow analysis.	Carl Zeiss	410156-0021-102	Each	$14,075.85	4.0%	$13,512.82
Science Laboratory and Teaching Supplies	410156-0022-102	arivis Hub Additional user,subscription - IND Provides an additional concurrent, named user for the arivis Hub. Annual subscription	Carl Zeiss	410156-0022-102	Each	$1,182.35	4.0%	$1,135.06
Science Laboratory and Teaching Supplies	410156-0023-102	arivis Hub CPU Core Pack (16 cores), 1 year subscription - IND arivis Hub module for completing analysis jobs and workflows. Enables 16 CPU cores each. The number of CPU Core Packs determines the maximum number of parallel analysis processes. Annual subscription.	Carl Zeiss	410156-0023-102	Each	$6,860.84	4.0%	$6,586.41

Science Laboratory and Teaching Supplies	410156-2001-102	arivis Pro VR annual subscription Pack, floating - IND This package provides an annual subscription for all VR Modules including Visualization,Measure, Analysis, Tracking Collaboration + 1 additional User. This package can be installed as a floating license.	Carl Zeiss	410156-2001-102	Each	$21,192.42	4.0%	$20,344.72
Science Laboratory and Teaching Supplies	410145-3035-100	arivis Cloud 1 year Industry The arivis Cloud Industry License is valid for one year, includes 1 arivis Cloud account and is restricted to industry customers. It contains: - Full access to Deep Learning Toolset - Access to pre-built applications - 1 TB storage - Up to 7000 min of computing time per month (incl. GPU) - On-going priority expert support - Continuous and included access to newest features and improvements - Access to training materials	Carl Zeiss	410145-3035-100	Each	$11,241.42	4.0%	$10,791.76
Science Laboratory and Teaching Supplies	410154-5012-101	ZEISS arivis Pro Lab 1 year license The annual subscription of the Academic Lab package for arivis Pro consists of 3 floating license subscriptions of arivis Pro full package (for 3 users working in arivis Pro simultaneously) with the following arivis Pro modules valid for one year: 3x arivis Pro for 3D Visualization and Data Analysis -ACA 3x arivis Pro Module Tracking and Lineage - ACA 3x arivis Pro Module Neuron Tracing - ACA 3x arivis Pro Module Batch Analysis - ACA 3x arivis Pro Module Exchange Objects - ACA 3x arivis Pro Module Volume Fusion - ACA 3x arivis Pro Modul DL Trainer - ACA 3 x arivis SIS Converter Pro - ACA This package is valid for academia customers only.	Carl Zeiss	410154-5012-101	Each	$20,582.52	4.0%	$19,759.22
Science Laboratory and Teaching Supplies	410154-5013-101	ZEISS arivis Pro Department 1 year license The annual subscription of the Academic Department package for arivis Pro consists of 5 floating license subscriptions of arivis Pro full package (for 5 users working in arivis Pro simultaneously) with the following arivis Pro modules valid for one year: 5x arivis Pro for 3D Visualization and Data Analysis -ACA 5x arivis Pro Module Tracking and Lineage - ACA 5x arivis Pro Module Neuron Tracing - ACA 5x arivis Pro Module Batch Analysis - ACA 5x arivis Pro Module Exchange Objects - ACA 5x arivis Pro Module Volume Fusion - ACA 5x arivis Pro Modul DL Trainer - ACA 5x arivis SIS Converter Pro - ACA This package is valid for academia customers only.	Carl Zeiss	410154-5013-101	Each	$25,334.39	4.0%	$24,321.01
Science Laboratory and Teaching Supplies	410154-5014-101	ZEISS arivis Pro Institute 1 year license The annual subscription of the Academic Institute package for arivis Pro consists of 10 floating license subscriptions of arivis Pro full package (for 10 users working in arivis Pro simultaneously) with the following arivis Pro modules valid for one year: 10x arivis Pro for 3D Visualization and Data Analysis -ACA 10x arivis Pro Module Tracking and Lineage - ACA 10x arivis Pro Module Neuron Tracing - ACA 10x arivis Pro Module Batch Analysis -ACA 10x arivis Pro Module Exchange Objects - ACA 10x arivis Pro Module Volume Fusion - ACA 10x arivis Pro Modul DL Trainer - ACA 10x arivis SIS Converter Pro - ACA This package is valid for academia customers only.	Carl Zeiss	410154-5014-101	Each	$41,166.11	4.0%	$39,519.47
Science Laboratory and Teaching Supplies	410158-2001-101	arivis Pro SMA, local and floating - ACA. The Software Maintenance Agreement for local and floating arivis Pro licenses covers all arivis Pro modules including VR and SIS Converter Pro for one year. Maintenance for SIS converter Pro included. SMA required for new permanent licenses. The SMA includes customer support and software updates for the duration of the maintenance agreement. In general, two main software updates per year that cover bug fixes and adds functionality to the purchased arivis Pro modules and the SIS Converter Pro. It includes access to support portal and ticketing system via https://kb.arivis.com/	Carl Zeiss	410158-2001-101	Each	$6,201.72	4.0%	$5,953.65
Science Laboratory and Teaching Supplies	410145-1022-202	Confomap ST V9 (D) Surface metrology and analysis software specifically dedicated to confocal, digital and widefield microscopes that produce topography maps. Includes profile roughness and waviness analysis, basic analysis of surface data, stitching of images and surfaces, outlier removal <(>&<)> multifocus reconstruction.	Carl Zeiss	410145-1022-202	Each	$9,425.63	4.0%	$9,048.60

Science Laboratory and Teaching Supplies	410145-1022-203	Confomap ST V10 This surface metrology and analysis software is specifically dedicated to confocal, digital and widefield microscopes that produce topography maps. The software includes profile roughness and waviness analysis, basic analysis of surface data, stitching of images and surfaces, outlier removal multifocus reconstruction.	Carl Zeiss	410145-1022-203	Each	$8,594.24	4.0%	$8,250.47
Science Laboratory and Teaching Supplies	410145-1023-202	Confomap Premium V9 (D) High-end surface metrology and analysis software compatible with confocal, digital and widefield microscopes. Contains advanced analysis tools for profilometry and topography, an exhaustive set of surface texture parameters, tools for surface evolution analysis (e.g. over time), particle analysis and support for freeform surfaces (shells).	Carl Zeiss	410145-1023-202	Each	$30,666.20	4.0%	$29,439.55
Science Laboratory and Teaching Supplies	410145-1023-203	Confomap Premium V10 The high-end surface metrology and analysis software is compatible with confocal, digital and widefield microscopes. The software contains advanced analysis tools for profilometry and topography, an exhaustive set of surface texture parameters, tools for surface evolution analysis (e.g. over time), particle analysis and support for freeform surfaces (shells).	Carl Zeiss	410145-1023-203	Each	$27,959.10	4.0%	$26,840.74
Science Laboratory and Teaching Supplies	410145-1024-202	Confomap Lite V9 (D) Entry-level surface metrology and analysis software suitable for digital and widefield microscopes producing topography maps. Includes distance measurement <(>&<)> step height on profiles, high quality 3D visualization, basic correction <(>&<)> analysis of surface data, volume calculation, Abbott- Firestone curve, histogram analysis etc.	Carl Zeiss	410145-1024-202	Each	$6,138.59	4.0%	$5,893.05
Science Laboratory and Teaching Supplies	410146-0069-203	Confomap Module Automotive V10 The module provides Rk parameters (ISO 13565), R&W parameters (ISO 12085) and visualization of the functional Abbott Rk curve and R&W motifs.	Carl Zeiss	410146-0069-203	Each	$800.36	4.0%	$768.35
Science Laboratory and Teaching Supplies	410146-0070-203	Confomap Module Contour V10 The module offers dimensional analysis of geometrical characteristics (sizes, angles, radii, diameters) on 2D profiles or contour profiles extracted from surfaces and images. It features basic tolerancing with pass/fail criteria. This module is included in the Advanced Contour module.	Carl Zeiss	410146-0070-203	Each	$1,979.50	4.0%	$1,900.32
Science Laboratory and Teaching Supplies	410146-0071-203	Confomap Module Advanced Topography V10 Module for advanced studies, parameters and filters for areal surface texture analysis. This module provides volume parameters, spatial and hybrid parameters (ISO 25178), flatness parameters, surface isotropy, directionality and periodicity, peak count distribution, extraction of sub-surfaces, morphological filters and fractal analysis.	Carl Zeiss	410146-0071-203	Each	$4,396.63	4.0%	$4,220.76
Science Laboratory and Teaching Supplies	410146-0072-203	Confomap Module Advanced Profile V10 The module for metrological profile filtering (roughness/waviness) according to ISO 16610 contains morphological filters, form removal, 2D spectral analysis, fractal analysis, statistical analysis of series of profiles, and more.	Carl Zeiss	410146-0072-203	Each	$1,979.50	4.0%	$1,900.32
Science Laboratory and Teaching Supplies	410146-0073-203	Confomap Module Advanced Contour V10 The module is best used for advanced dimensional analysis and tolerancing of geometrical profiles: measurement of sizes, angles, radii, diameters, form deviations. Carry out CAD compare functions using DXF templateswith automatic fit. Display form deviations. Characterize your roller bearing tracks with the Gothic Arch method. This module includes the Contour module.	Carl Zeiss	410146-0073-203	Each	$6,993.52	4.0%	$6,713.78
Science Laboratory and Teaching Supplies	410146-0074-203	Confomap Module Fourier & Wavelets V10 Spectral analysis (FFT-based) for the study of periodicities, correlations, wavelengths and frequencies on surfaces. Multiscale analysis by discrete and continuous wavelets.	Carl Zeiss	410146-0074-203	Each	$2,599.03	4.0%	$2,495.07
Science Laboratory and Teaching Supplies	410146-0076-203	Confomap Module Particle Analysis V10 Advanced analysis of structured surfaces containing particles, pores, grains, cells, objects, islands, etc. Includes four detection methods (threshold, watershed, shape detection and circle detection) and offers a large set of parameters and classification features based on parameters. Display your results graphically using powerful statistical tools.	Carl Zeiss	410146-0076-203	Each	$5,596.10	4.0%	$5,372.26

Science Laboratory and Teaching Supplies	410146-0077-203	Confomap Module 4D Surface Change V10 Visualize and analyze the surface evolution and dynamics with respect to time, temperature, magnetic field or another fourth dimension. Generate and export animated views to video formats. Generate statistics and highlight areas of preponderant change using the Karhunen-Loève transform.	Carl Zeiss	410146-0077-203	Each	$3,397.25	4.0%	$3,261.36
Science Laboratory and Teaching Supplies	410146-0078-203	Confomap Module Lead/Twist Analysis V10 Generate a lead (twist) analysis report automatically including: lead parameters relevant to the leak-tightness of crank shaft seals and therefore to oil consumption, measured lead structure, reconstructed lead surface, comparison of lead profile and approximated profile – it is possible to cycle through all lead profiles – approximated profile pairs. The module complies with the Mercedes-Benz Engineering Standard (Measurement and Evaluation Method for the Assessment of Lead-Reduced Dynamic Sealing Surfaces, 2009) and is widely adopted in the automotive industry.	Carl Zeiss	410146-0078-203	Each	$6,993.52	4.0%	$6,713.78
Science Laboratory and Teaching Supplies	410146-0079-203	Confomap Module Fractal Analysis V10 The module features multi-scale (scale-sensitive) methods for analyzing geometric properties of surfaces and their scale derivatives (complexities). It includes length-scale and area-scale methods as well as automated processing of multiple measurement populations.	Carl Zeiss	410146-0079-203	Each	$5,996.28	4.0%	$5,756.43
Science Laboratory and Teaching Supplies	410146-0080-203	Confomap Module Colocalization V10 Combine data from different detectors or instrument types including 3D optical profilers, AFM, STM, SEM, fluorescence, Raman, IR and other microscopes. Perform correlative analysis and overlay images on 3D surface topography.	Carl Zeiss	410146-0080-203	Each	$1,399.56	4.0%	$1,343.58
Science Laboratory and Teaching Supplies	410146-0081-203	Confomap Module Force Curve Analysis V10 Add support for force curves, series of force curves and force volume data cubes. The module contains the automatic detection of adhesion events, Worm-like chain (WLC) model fitting and more.	Carl Zeiss	410146-0081-203	Each	$2,977.81	4.0%	$2,858.70
Science Laboratory and Teaching Supplies	410146-0082-203	Confomap Module SPM Extension V10 Add support for SPM file formats and multi-channel data. This module includes line-by-line leveling, spatial filter, surface division, tip deconvolution, line correction, multiplane leveling and math function operators.	Carl Zeiss	410146-0082-203	Each	$2,559.44	4.0%	$2,457.06
Science Laboratory and Teaching Supplies	410146-0085-203	Confomap Module Lens Analysis V10 Analyze or simulate aspheric surfaces and profiles for imaging systems, sensors and laser applications.	Carl Zeiss	410146-0085-203	Each	$3,957.93	4.0%	$3,799.61
Science Laboratory and Teaching Supplies	410146-1069-202	Confomap Module Automotive V9 (D) Rk parameters (ISO 13565), R&W parameters (ISO 12085) and visualization of the functional Abbott Rk curve and R&W motifs.	Carl Zeiss	410146-1069-202	Each	$877.40	4.0%	$842.30
Science Laboratory and Teaching Supplies	410146-1070-202	Confomap Module Contour V9 (D) Dimensional analysis of geometrical characteristics (sizes, angles, radii, diameters) on 2D profiles or contour profiles extracted from surfaces and images. Basic tolerancing with pass/fail criteria. Thismodule is included in the Advanced Contour module.	Carl Zeiss	410146-1070-202	Each	$2,171.03	4.0%	$2,084.19
Science Laboratory and Teaching Supplies	410146-1071-202	Confomap Module Advanced Topography V9 (D) Advanced studies, parameters and filters for areal surface texture analysis. Volume parameters, spatial and hybrid parameters (ISO 25178), flatness parameters, surface isotropy, directionalityand periodicity, peak count distribution, extraction of sub-surfaces, morphological filters, fractal analysis.	Carl Zeiss	410146-1071-202	Each	$4,823.56	4.0%	$4,630.62
Science Laboratory and Teaching Supplies	410146-1072-202	Confomap Module Advanced Profile V9 (D) Metrological profile filtering (roughness/waviness) from ISO 16610, morphological filters, form removal, 2D spectral analysis, fractal analysis, statistical analysis of series of profiles, and more.	Carl Zeiss	410146-1072-202	Each	$2,171.03	4.0%	$2,084.19
Science Laboratory and Teaching Supplies	410146-1073-202	Confomap Module Advanced Contour V9 (D) Advanced dimensional analysis and tolerancing of geometrical profiles: sizes, angles, radii, diameters, form deviations. Carry out CAD compare functions using DXF templates with automatic fit. Graphical display of form deviations. Characterize roller bearing tracks with the Gothic Arch method. This module includes the Contour module.	Carl Zeiss	410146-1073-202	Each	$7,671.90	4.0%	$7,365.02
Science Laboratory and Teaching Supplies	410146-1074-202	Confomap Module Fourier & Wavelets V9 (D) Spectral analysis (FFT-based) for the study of periodicities, correlations, wavelengths and frequencies on surfaces. Multiscale analysis by discrete and continuous wavelets.	Carl Zeiss	410146-1074-202	Each	$2,851.55	4.0%	$2,737.49

Science Laboratory and Teaching Supplies	410146-1076-202	Confomap Module Particle Analysis V9 (D) Advanced analysis of structured surfaces containing particles, pores, grains, cells, objects, islands, etc. Includes four detection methods (threshold, watershed, shape detection and circle detection) and offers a large set of parameters and classification features based on parameters. Display your results graphically using powerful statistical tools.	Carl Zeiss	410146-1076-202	Each	$6,138.59	4.0%	$5,893.05
Science Laboratory and Teaching Supplies	410146-1077-202	Confomap Module 4D Series V9(D) Visualization and analysis of surface evolution and dynamics with respect to time, temperature, magnetic field or another fourth dimension. Generate and export animated views to video formats. Generatestatistics and highlight areas of.	Carl Zeiss	410146-1077-202	Each	$3,724.67	4.0%	$3,575.68
Science Laboratory and Teaching Supplies	410146-1078-202	Confomap Module Lead (Twist) Analysis V9 (D) Complies with the Mercedes-Benz Engineering Standard (Measurement and Evaluation Method for the Assessment of Lead-Reduced Dynamic Sealing Surfaces, 2009) widely adopted in the automotive industry.	Carl Zeiss	410146-1078-202	Each	$7,671.90	4.0%	$7,365.02
Science Laboratory and Teaching Supplies	410146-1079-202	Confomap Module Scale-Sensitive Fractal Analysis V9 (D) Multi-scale (scale-sensitive) methods for analyzing geometric properties of surfaces and their scale derivatives (complexities) including length- scale and area-scale methods. Alsoincludes automated processing of multiple measurement populations.	Carl Zeiss	410146-1079-202	Each	$6,576.22	4.0%	$6,313.17
Science Laboratory and Teaching Supplies	410146-1080-202	Confomap Module Colocalization V9 (D) Combine data from different detectors or instrument types including 3D optical profilers, AFM, STM, SEM, fluorescence, Raman, IR and other microscopes. Perform correlative analysis. Overlay imageson 3D surface topography.	Carl Zeiss	410146-1080-202	Each	$1,534.38	4.0%	$1,473.00
Science Laboratory and Teaching Supplies	410146-1081-202	Confomap Module Force Curve Analysis V9 (D) Adds support for force curves, series of force curves and force volume data cubes. Automatic detection of adhesion events, Worm-like chain (WLC) model fitting and more.	Carl Zeiss	410146-1081-202	Each	$3,266.71	4.0%	$3,136.04
Science Laboratory and Teaching Supplies	410146-1082-202	Confomap Module SPM Extension V9 (D) Adds support for SPM file formats and multi-channel data. Includes line- by-line leveling, spatial filter, surface division, tip deconvolution, line correction, multiplane leveling and math functionoperators.	Carl Zeiss	410146-1082-202	Each	$2,805.54	4.0%	$2,693.32
Science Laboratory and Teaching Supplies	410148-1022-202	Confomap ST update V8 to V9 (D) An update from previous ConfoMap versions to ConfoMap version 9.0 is not free of charge and requires an update fee unless you have a SMP software maintenance plan. The serial number of the dongle of the current license needsto be provided. Update only apply if a customer has licensed ConfoMap software (ST or Premium) without any additional modules. If the customer has a license of both the ConfoMap (ST or Premium) and module/s, then this will be treated as a single request. ZEISS will contact Digital Surf for an individual offer that depends on the modules.	Carl Zeiss	410148-1022-202	Each	$1,885.34	4.0%	$1,809.93
Science Laboratory and Teaching Supplies	410148-1023-202	**Confomap Premium update V8 to V9 (D) An update from previous ConfoMap versions to ConfoMap version 9.0 is not free of charge and requires an update fee unless you have a SMP software maintenance plan. The serial number of the dongle of the current license needs to be provided. Update only apply if a customer has licensed ConfoMap software (ST or Premium) without any additional modules. If the customer has a license of both the ConfoMap (ST or Premium) and module/s, then this will be treated as a single request. ZEISS will contact Digital Surf for an individual offer that depends on the modules.**	Carl Zeiss	410148-1023-202	Each	$6,134.31	4.0%	$5,888.94
Science Laboratory and Teaching Supplies	410148-2022-202	Confomap ST update V7 to V9 (D) An update from previous ConfoMap versions to ConfoMap version 9.0 is not free of charge and requires an update fee unless you have a SMP software maintenance plan. The serial number of the dongle of the current license needsto be provided. Update only apply if a customer has licensed ConfoMap software (ST or Premium) without any additional modules. If the customer has a license of both the ConfoMap (ST or Premium) and module/s, then this will be treated as a single request. ZEISS will contact Digital Surf for an individual offer that depends on the modules.	Carl Zeiss	410148-2022-202	Each	$3,770.68	4.0%	$3,619.85

Science Laboratory and Teaching Supplies	410148-2023-202	Confomap Premium Update from V7 to V9 (D) An update from previous ConfoMap versions to ConfoMap version 9.0 is not free of charge and requires an update fee unless you have a SMP software maintenance plan. The serial number of the dongle of the current license needs to be provided. Update only apply if a customer has licensed ConfoMap software (ST or Premium) without any additional modules. If the customer has a license of both the ConfoMap (ST or Premium) and module/s, then this will be treated as a single request. ZEISS will contact Digital Surf for an individual offer that depends on the modules.	Carl Zeiss	410148-2023-202	Each	$12,266.48	4.0%	$11,775.82
Science Laboratory and Teaching Supplies	000000-2559-520	arivis Hub Image Analysis Consulting per hour - IND Hours required for dedicated support for consulting on image analysis strategy, pipeline and workflow evelopment, support and planning for image analysis on new projects, and scripting.	Carl Zeiss	000000-2559-520	Each	$350.96	4.0%	$336.92
Science Laboratory and Teaching Supplies	000000-2559-521	arivis Hub Validation Support per day - IND Days required for validation of new or upgraded arivis Hub system (one- time fee per install or upgrade). Validation requirements must be defined with customer prior to purchase.	Carl Zeiss	000000-2559-521	Each	$3,542.77	4.0%	$3,401.06
Science Laboratory and Teaching Supplies	000000-2559-522	arivis VisionHub - Implementation and configuration, per hour (O) Hours required for install, implementation, and configuration of new or upgraded VisionHub system (one-time fee per install and upgrade)	Carl Zeiss	000000-2559-522	Each	$239.68	4.0%	$230.09
Science Laboratory and Teaching Supplies	000000-2559-523	arivis Hub Implementation and configuration per day Days required for install, implementation, and configuration of new or upgraded arivis Hub system (one-time fee per install and upgrade) For new Academic arivis Hub systems, 4 implementation and configuration days pre charged for an onsite, installed demo system for 3 months. This implementation cost will not be charged again when the system is purchased.	Carl Zeiss	000000-2559-523	Each	$2,675.00	4.0%	$2,568.00
Science Laboratory and Teaching Supplies	000000-0454-142	Verl.Kabel USB-2.0 A-4St/B-4St gr 3,0m	Carl Zeiss	000000-0454-142	Each	$37.45	4.0%	$35.95
Science Laboratory and Teaching Supplies	400100-8630-000	Real Time Controller Imaging Systems	Carl Zeiss	400100-8630-000	Each	$1,811.51	4.0%	$1,739.05
Science Laboratory and Teaching Supplies	488049-9901-400	Filter Set 49 with Reflector Module FL EC P&C (E) Filter Set 49 shift free consistng of filters EX G 365, BS FT 395, EM BP 445/50 inserted in reflector module, reflection avoided through tilted mount for emission filters	Carl Zeiss	488049-9901-400	Each	$1,108.52	4.0%	$1,064.18
Science Laboratory and Teaching Supplies	424225-9080-000	Condenser 0.9 H Pol For objectives 5x-100x, (10x-100x at use of the polarizer slider for LED illuminator), WD=0.6mm	Carl Zeiss	424225-9080-000	Each	$535.00	4.0%	$513.60
Science Laboratory and Teaching Supplies	490980-0020-000	Microscope Axiolab 5 Pol for polarized transmitted light with binocular tube 30°/23	Carl Zeiss	490980-0020-000	Each	$7,011.71	4.0%	$6,731.24
Science Laboratory and Teaching Supplies	490980-0021-000	Microscope Axiolab 5 Pol for polarized transmitted light with binocular tube 30°/23	Carl Zeiss	490980-0021-000	Each	$12,138.08	4.0%	$11,652.56
Science Laboratory and Teaching Supplies	491405-0006-000	Fixed Stage microscope Axio Examiner.D1 for electrophysiology for bright field, oblique illumination, Dodt gradient contrast and epi-fluorescence, with motorized objective focusing and zoom phototube as well as motorized reflector turret	Carl Zeiss	491405-0006-000	Each	$71,850.50	4.0%	$68,976.48
Science Laboratory and Teaching Supplies	000000-2624-359	Promotion WF Axio Imager.Z2 for Screening - Standard 8-slide stage, Colibri 7 (5 LEDs) , SBP (6xTurret) Axiocam 807m, Axiocam 305c, BioApps EC PN 5x/0.16, PApo 20x/0.8, PApo 40x/0.95	Carl Zeiss	000000-2624-359	Each	$151,690.69	4.0%	$145,623.06
Science Laboratory and Teaching Supplies	000000-2647-163	Promotion WF Axio Imager.Z2 for Screening - Advanced 8-slide stage, Colibri 7 (7 LEDs) , Apotome 3, SBP (10xTurret) Axiocam 807m, Axiocam 305c, BioApps, Guided Acquisition, 2D tools, AI tools EC PN 5x/0,16, PApo 10x/0,45, PApo 20x/0,8, PApo 40x/0,95	Carl Zeiss	000000-2647-163	Each	$209,985.36	4.0%	$201,585.95
Science Laboratory and Teaching Supplies	410139-0002-000	SMA for ZEN, 1 year Entitlement to upgrade ZEN free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN and all hardware-related modules that are licensed for use on the specified workstation. Selected ZEN toolkits must be covered by separate SMAs. Upgrade license will be made available free of charge as soon as a new version of the coveredproduct is released. The price is an annual fee. Note: if the ZEN configuration includes any of the following ZEN toolkits, an additional SMA item (SMA ZEN Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410139-0002-000	Each	$192.60	4.0%	$184.90

Science Laboratory and Teaching Supplies	410139-0004-000	SMA for ZEN desk, 1 year Entitlement to upgrade ZEN desk free of additional charge on the specified workstation to any software version released during a period of one year. Multiple year coverage is obtained by purchasing multiple quantities of this item. The SMA covers ZEN desk. Selected ZEN toolkits must be covered by separate SMAs. Upgrade license will be made available free of charge as soon as a new version of the covered product is released. The price is an annual fee. Note: if the ZEN configuration includes any of the following ZEN toolkits, an additional SMA item (SMA ZEN Band A-D) must be included: 2D Toolkit, 3D Toolkit, AI Toolkit, Connect Toolkit, Developer Toolkit, GxP Toolkit, Molecular Quantification Toolkit, Deconvolution Toolkit.	Carl Zeiss	410139-0004-000	Each	$192.60	4.0%	$184.90
Science Laboratory and Teaching Supplies	3075	Binocular Zoom Stereo Microscope on LED Stand Binocular viewing head inclined 45°, rotatable 360° WF10x/22mm eyepieces w/built-in diopter adjustments and eyeguards 0.67x to 4.5x zoom range (6.7x - 45x with 10x eyepieces) Dovetail focusing stand with coarse focus adjustment & stage plate Variable 5 watt LED incident and transmitted illumination, 100 -240v universal power supply	Accu-Scope	3075	Each	$1,607.00	4.0%	$1,542.72
Science Laboratory and Teaching Supplies	3076	Trinocular Zoom Stereo Microscope on LED Stand Same as above except with trinocular viewing head w/ constant 50/50 light split	Accu-Scope	3076	Each	$1,769.00	4.0%	$1,698.24
Science Laboratory and Teaching Supplies	3107	WF20x/12mm field of view eyepiece	Accu-Scope	3107	Each	$71.00	4.0%	$68.16
Science Laboratory and Teaching Supplies	3115	WF10x eyepiece similar to B&L® # 31-15-81 for Stereozoom 4 and 6	Accu-Scope	3115	Each	$68.00	4.0%	$65.28
Science Laboratory and Teaching Supplies	3130	Pointers, spring-wire, 50/pk. - for 23.2mm I.D. eyepieces	Accu-Scope	3130	Each	$67.00	4.0%	$64.32
Science Laboratory and Teaching Supplies	3145	Stage micrometer, 1mm/100 divisions (each division .010mm)	Accu-Scope	3145	Each	$29.00	4.0%	$27.84
Science Laboratory and Teaching Supplies	3235	32mm Clear blue filter	Accu-Scope	3235	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	3251	Cord hanger with screws (pair)	Accu-Scope	3251	Each	$23.00	4.0%	$22.08
Science Laboratory and Teaching Supplies	3256	Osram® #64250, 6 volt 20 watt halogen bulb - 5/pk	Accu-Scope	3256	Each	$42.00	4.0%	$40.32
Science Laboratory and Teaching Supplies	3295	Microscope carry case, hard-sided with fabric interior, accessory pockets, and velcro straps -- interior dimensions: 11.5" long x 9.25" wide x 17.5" high	Accu-Scope	3295	Each	$195.00	4.0%	$187.20
Science Laboratory and Teaching Supplies	3319	Stereo eyeguards (pair)	Accu-Scope	3319	Each	$19.00	4.0%	$18.24
Science Laboratory and Teaching Supplies	3347	Wire gem clamp with mounting post	Accu-Scope	3347	Each	$60.00	4.0%	$57.60
Science Laboratory and Teaching Supplies	3353	Stage clip, spring loaded locked on, M4 x 6, 55mm blade length	Accu-Scope	3353	Each	$19.00	4.0%	$18.24
Science Laboratory and Teaching Supplies	5038	0.50x c-mount adapter for 1/2" chip sensors (mounts into photo tube)	Accu-Scope	5038	Each	$933.00	4.0%	$895.68
Science Laboratory and Teaching Supplies	12-2000	Photo tube	Accu-Scope	12-2000	Each	$180.00	4.0%	$172.80
Science Laboratory and Teaching Supplies	02-3104	WF10x/18.5mm field of view eyepiece with reticle holder	Accu-Scope	02-3104	Each	$58.00	4.0%	$55.68
Science Laboratory and Teaching Supplies	02-3105	WF10x/18.5mm field of view eyepiece with pointer & reticle holder	Accu-Scope	02-3105	Each	$59.00	4.0%	$56.64
Science Laboratory and Teaching Supplies	12-3130	Eyepiece pointer (each)	Accu-Scope	12-3130	Each	$17.00	4.0%	$16.32
Science Laboratory and Teaching Supplies	02-3195	4x DIN achromat objective, N.A. 0.10, W.D. 18mm	Accu-Scope	02-3195	Each	$42.00	4.0%	$40.32
Science Laboratory and Teaching Supplies	02-3196	10x DIN achromat objective, N.A. 0.25, W.D. 6.6mm	Accu-Scope	02-3196	Each	$51.00	4.0%	$48.96
Science Laboratory and Teaching Supplies	02-3197	20x DIN achromat objective, N.A. 0.40, W.D.1.5mm	Accu-Scope	02-3197	Each	$75.00	4.0%	$72.00
Science Laboratory and Teaching Supplies	02-3199	60xR DIN achromat objective, N.A. 0.85, W.D. 0.19mm	Accu-Scope	02-3199	Each	$142.00	4.0%	$136.32
Science Laboratory and Teaching Supplies	02-3200	100xR oil DIN achromat objective, N.A. 1.25, W.D. 0.12	Accu-Scope	02-3200	Each	$155.00	4.0%	$148.80
Science Laboratory and Teaching Supplies	12-3222	Filter holder with blue filter	Accu-Scope	12-3222	Each	$38.00	4.0%	$36.48
Science Laboratory and Teaching Supplies	12-3228	Simple/Polarizer Analyzer	Accu-Scope	12-3228	Each	$377.00	4.0%	$361.92
Science Laboratory and Teaching Supplies	12-3248	Upgrade to Koehler-type Illumination Includes illuminator housing w/ field iris diaphragm and installation.	Accu-Scope	12-3248	Each	$272.00	4.0%	$261.12
Science Laboratory and Teaching Supplies	00-2010-1	1x c-mount adapter for 1" chip sensors, adjustable focus	Accu-Scope	00-2010-1	Each	$119.00	4.0%	$114.24
Science Laboratory and Teaching Supplies	00-2010-35	0.35x c-mount adapter for 1/3" chip sensors, adjustable focus	Accu-Scope	00-2010-35	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-50	0.50x c-mount adapter for 1/2" chip sensors, adjustable focus	Accu-Scope	00-2010-50	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-65	0.65x c-mount adapter for 2/3" chip sensors, adjustable focus	Accu-Scope	00-2010-65	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-P	Photo tube	Accu-Scope	00-2010-P	Each	$129.00	4.0%	$123.84

Science Laboratory and Teaching Supplies	00-3113-20	HWF Plan 10x/20mm focusing eyepiece with eyeguard. Eyepiece accepts 20.5mm reticle.	Accu-Scope	00-3113-20	Each	$109.00	4.0%	$104.64
Science Laboratory and Teaching Supplies	00-3113-20R	HWF Plan 10x eyepiece with built-in diopter adjustment, 20mm field of view and 10mm/100 division reticle w/crossline (Ø20.5mm diameter).	Accu-Scope	00-3113-20R	Each	$220.00	4.0%	$211.20
Science Laboratory and Teaching Supplies	00-3114-20	HWF Plan 10x focusing eyepiece with eyeguard and eyepiece pointer, 20mm field of view	Accu-Scope	00-3114-20	Each	$111.00	4.0%	$106.56
Science Laboratory and Teaching Supplies	00-3131	Roll down eyeguards, pair	Accu-Scope	00-3131	Each	$24.00	4.0%	$23.04
Science Laboratory and Teaching Supplies	00-3172-PL	2x infinity Plan achromat objective, N.A. 0.06, W.D. 15mm (use with filter slider CAT# 00-3222-2X)	Accu-Scope	00-3172-PL	Each	$335.00	4.0%	$321.60
Science Laboratory and Teaching Supplies	00-3173-PL	4x infinity plan achromat objective, N.A. 0.10, W.D. 15mm	Accu-Scope	00-3173-PL	Each	$99.00	4.0%	$95.04
Science Laboratory and Teaching Supplies	00-3174-PH	10x infinity plan phase contrast objective, N.A. 0.25, W.D. 10.8mm	Accu-Scope	00-3174-PH	Each	$175.00	4.0%	$168.00
Science Laboratory and Teaching Supplies	00-3174-PL	10x infinity plan achromat objective, N.A. 0.25, W.D. 10.8mm	Accu-Scope	00-3174-PL	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	00-3175-PH	40xR infinity plan phase objective, N.A. 0.65, W.D. 0.8mm	Accu-Scope	00-3175-PH	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	00-3175-PL	40xR infinity plan achromat objective, N.A. 0.65, W.D. 0.8mm	Accu-Scope	00-3175-PL	Each	$250.00	4.0%	$240.00
Science Laboratory and Teaching Supplies	00-3176-PH	100xR oil infinity plan phase objective, N.A. 1.25, W.D. 0.21mm	Accu-Scope	00-3176-PH	Each	$462.00	4.0%	$443.52
Science Laboratory and Teaching Supplies	00-3176-PL	100xR oil infinity plan achromat objective, N.A. 1.25, W.D. 0.21mm	Accu-Scope	00-3176-PL	Each	$328.00	4.0%	$314.88
Science Laboratory and Teaching Supplies	00-3177-PH	20x infinity plan phase objective, N.A. 0.40, W.D. 1.5mm	Accu-Scope	00-3177-PH	Each	$257.00	4.0%	$246.72
Science Laboratory and Teaching Supplies	00-3177-PL	20x infinity plan achromat objective, N.A. 0.40, W.D. 1.5mm	Accu-Scope	00-3177-PL	Each	$217.00	4.0%	$208.32
Science Laboratory and Teaching Supplies	00-3178-PL	60xR infinity plan achromat objective, N.A. 0.85, W.D. 0.30mm	Accu-Scope	00-3178-PL	Each	$412.00	4.0%	$395.52
Science Laboratory and Teaching Supplies	00-3222-2X	Diffusing slider for use with 2x objective	Accu-Scope	00-3222-2X	Each	$265.00	4.0%	$254.40
Science Laboratory and Teaching Supplies	00-3223-DF	Darkfield slider with BF and 4-40x positions	Accu-Scope	00-3223-DF	Each	$265.00	4.0%	$254.40
Science Laboratory and Teaching Supplies	00-3224-1040	Phase contrast slider with BF position, 10x-40x phase annuli positions	Accu-Scope	00-3224-1040	Each	$378.00	4.0%	$362.88
Science Laboratory and Teaching Supplies	00-3224-20100	Phase contrast slider with BF position, 20x-100x phase annuli positions	Accu-Scope	00-3224-20100	Each	$378.00	4.0%	$362.88
Science Laboratory and Teaching Supplies	00-3226	Phase centering telescope (23.2mm I.D)	Accu-Scope	00-3226	Each	$121.00	4.0%	$116.16
Science Laboratory and Teaching Supplies	00-3228-POL	Simple Polarizer (REQUIRES field iris upgrade CAT# 00-3248)	Accu-Scope	00-3228-POL	Each	$386.00	4.0%	$370.56
Science Laboratory and Teaching Supplies	00-3245-ND	45mm Ground glass filter	Accu-Scope	00-3245-ND	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	00-5NP	Reversed quintuple nosepiece	Accu-Scope	00-5NP	Each	$163.00	4.0%	$156.48
Science Laboratory and Teaching Supplies	012-63000	X-Cite 120 replacement lamp module	Accu-Scope	012-63000	Each	$876.00	4.0%	$840.96
Science Laboratory and Teaching Supplies	02-3198-SP	40xR DIN semi-plan achromat objective, N.A. 0.65, W.D. 0.38mm	Accu-Scope	02-3198-SP	Each	$124.00	4.0%	$119.04
Science Laboratory and Teaching Supplies	02-3200-DF	100xR oil DIN achromat obj. with cone diaphragm for darkfield, N.A. 1.25	Accu-Scope	02-3200-DF	Each	$163.00	4.0%	$156.48
Science Laboratory and Teaching Supplies	120-2000	Photo tube	Accu-Scope	120-2000	Each	$191.00	4.0%	$183.36
Science Laboratory and Teaching Supplies	120-3228	Simple polarizer (plug in) and analyzer	Accu-Scope	120-3228	Each	$155.00	4.0%	$148.80
Science Laboratory and Teaching Supplies	120-3229-W	Darkfield oil condenser	Accu-Scope	120-3229-W	Each	$300.00	4.0%	$288.00
Science Laboratory and Teaching Supplies	120-3285-RC	**Rechargeable LED base upgrade for any EXC-120 Series Microscope**	Accu-Scope	120-3285-RC	Each	$141.00	4.0%	$135.36
Science Laboratory and Teaching Supplies	12-2010-50	0.50x adjustable c-mount adapter for 1/2" chip sensors	Accu-Scope	12-2010-50	Each	$239.00	4.0%	$229.44
Science Laboratory and Teaching Supplies	12-3173-PL	4x infinity plan achromat objective, N.A. 0.10, W.D. 25mm	Accu-Scope	12-3173-PL	Each	$84.00	4.0%	$80.64
Science Laboratory and Teaching Supplies	12-3174-PL	10x infinity plan achromat objective, N.A. 0.25, W.D. 6.7mm	Accu-Scope	12-3174-PL	Each	$110.00	4.0%	$105.60
Science Laboratory and Teaching Supplies	12-3175-PL	40xR infinity plan achromat objective, N.A. 0.65, W.D. 1.5mm	Accu-Scope	12-3175-PL	Each	$257.00	4.0%	$246.72
Science Laboratory and Teaching Supplies	12-3176D-PL	100xR Dry infinity plan achromat objective, N.A. 0.90, W.D. 0.59mm	Accu-Scope	12-3176D-PL	Each	$917.00	4.0%	$880.32
Science Laboratory and Teaching Supplies	12-3176-PL	100xR oil infinity plan achromat objective, N.A. 1.25, W.D. 0.14mm	Accu-Scope	12-3176-PL	Each	$338.00	4.0%	$324.48
Science Laboratory and Teaching Supplies	12-3176-PLW	100xR Water Immersion infinity plan achromat objectives, N.A. 1.10, W.D. 0.20mm	Accu-Scope	12-3176-PLW	Each	$599.00	4.0%	$575.04
Science Laboratory and Teaching Supplies	12-3177-PL	20x infinity plan achromat objective, N.A. 0.40, W.D. 6.4mm	Accu-Scope	12-3177-PL	Each	$263.00	4.0%	$252.48
Science Laboratory and Teaching Supplies	12-3178-PL	60xR infinity plan achromat objective, N.A. 0.80, W.D. 0.30mm	Accu-Scope	12-3178-PL	Each	$476.00	4.0%	$456.96
Science Laboratory and Teaching Supplies	12-3258-LED	3 watt LED replacement lamp with heat sink (S/N 11xxxx call to confirm)	Accu-Scope	12-3258-LED	Each	$95.00	4.0%	$91.20
Science Laboratory and Teaching Supplies	12-3259-LED	5 watt LED replacement lamp with heat sink	Accu-Scope	12-3259-LED	Each	$95.00	4.0%	$91.20
Science Laboratory and Teaching Supplies	131-10-01	Roll down eyeguards (pair)	Accu-Scope	131-10-01	Each	$22.00	4.0%	$21.12

Science Laboratory and Teaching Supplies	131-10-06	HWF16x/15mm eyepiece with roll down eyeguard similar to Leica®10447138	Accu-Scope	131-10-06	Each	$275.00	4.0%	$264.00
Science Laboratory and Teaching Supplies	131-10-07	HWF16x/15mm focusable eyepiece with roll down eyeguard & reticle cell, similar to Leica® 10447139	Accu-Scope	131-10-07	Each	$283.00	4.0%	$271.68
Science Laboratory and Teaching Supplies	131-10-11	WF10x/22mm focusable eyepiece with diopter adjustment and roll down eyeguard	Accu-Scope	131-10-11	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	131-10-15	WF15x eyepiece with built-in diopter adjustment, 16mm field of view. Eyepiece accepts a 20mm reticle.	Accu-Scope	131-10-15	Each	$123.00	4.0%	$118.08
Science Laboratory and Teaching Supplies	131-10-20	WF20x eyepiece with built-in diopter adjustment, 12.5mm field of view. Eyepiece does not accept a reticle.	Accu-Scope	131-10-20	Each	$136.00	4.0%	$130.56
Science Laboratory and Teaching Supplies	131-12-01	26.5mm eyepiece reticle, 10mm/100 divisions with crossline	Accu-Scope	131-12-01	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	131-12-10	20mm eyepiece reticle, 10mm/100 division with crossline	Accu-Scope	131-12-10	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	132-10-11	WF10x/20mm focusable eyepiece with diopter adjustment and roll down eyeguard	Accu-Scope	132-10-11	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	141-12-01	24mm eyepiece reticle 10mm/100 divisions with crossline	Accu-Scope	141-12-01	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	2005-1M	1x focusable c-mount adapter to mount into photo tube	Accu-Scope	2005-1M	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	2005-35	0.35x focusable c-mount adapter to mount into photo tube	Accu-Scope	2005-35	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	2005-5M	0.50x focusable c-mount adapter to mount into photo tube	Accu-Scope	2005-5M	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	2005-75M	0.75x focusable c-mount adapter to mount into photo tube	Accu-Scope	2005-75M	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	210-3319	Stereo eyeguards (pair)	Accu-Scope	210-3319	Each	$20.00	4.0%	$19.20
Science Laboratory and Teaching Supplies	25-3226	Phase centering telescope	Accu-Scope	25-3226	Each	$173.00	4.0%	$166.08
Science Laboratory and Teaching Supplies	25-3240	45mm Clear blue filter	Accu-Scope	25-3240	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	3012-LED	Binocular Microscope, Plan Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusing eyepieces with eyeguards Reversed quintuple nosepiece AIS E Plan Infinity 4x, 10x, 40xR and 100xR oil objectives Rackless mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls 5 watt variable LED illuminator. LED bulb has a rated life of 20,000 hours, dust cover & power cord	Accu-Scope	3012-LED	Each	$1,695.00	4.0%	$1,627.20
Science Laboratory and Teaching Supplies	3012-LED-3	Binocular Microscope, 3 Plan Achromat Objectives, - Binocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusing eyepieces with eyeguards Reversed quintuple nosepiece AIS E Plan Infinity 4x, 10x, and 40xR objectives Rackless hard coat mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls 5 watt variable LED illuminator. LED bulb has a rated life of 20,000 hours., dust cover & power cord	Accu-Scope	3012-LED-3	Each	$1,520.00	4.0%	$1,459.20
Science Laboratory and Teaching Supplies	3012-LED-3BE	Ergo Binocular Microscope, with 3 Plan Achromat Objectives Same as 3012-LED except with ergo tilting binocular viewing head	Accu-Scope	3012-LED-3BE	Each	$2,520.00	4.0%	$2,419.20
Science Laboratory and Teaching Supplies	3012-LED-BE	Ergo Binocular Microscope, Plan Achromat Objectives Same as 3012-LED except with ergo tilting binocular viewing head	Accu-Scope	3012-LED-BE	Each	$2,695.00	4.0%	$2,587.20
Science Laboratory and Teaching Supplies	3013-LED	Trinocular Microscope, Plan Achromat Objectives Same as 3012-LED except with trinocular viewing head C-mounts and photo tubes are sold separately	Accu-Scope	3013-LED	Each	$1,895.00	4.0%	$1,819.20
Science Laboratory and Teaching Supplies	3013-LED-3	Trinocular Microscope, 3 Plan Achromat Objectives Same as 3012-LED-3 except with trinocular viewing head C-mounts and photo tubes are sold separately	Accu-Scope	3013-LED-3	Each	$1,720.00	4.0%	$1,651.20
Science Laboratory and Teaching Supplies	3052-GEM	Stereo Microscope with 1x and 3x Objectives, Darkfield and Gem Clamp Same as above except with darkfield condenser and wire gem clamp	Accu-Scope	3052-GEM	Each	$463.00	4.0%	$444.48

Science Laboratory and Teaching Supplies	3075-BBS	Binocular Zoom Stereo Microscope on Ball Bearing Boom Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Boom stand, bonder arm and dust cover	Accu-Scope	3075-BBS	Each	$1,823.00	4.0%	$1,750.08
Science Laboratory and Teaching Supplies	3075-BS	Binocular Zoom Stereo Microscope on Boom Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Boom stand, bonder arm and dust cover	Accu-Scope	3075-BS	Each	$1,640.00	4.0%	$1,574.40
Science Laboratory and Teaching Supplies	3075-BS-LED5	Binocular Zoom Stereo Microscope, Boom Stand w/LED Quad Ring Light and 0.5x auxiliary objective Same as above except with LED Ring Light with Quadrant Control and 0.5x auxiliary objective	Accu-Scope	3075-BS-LED5	Each	$2,080.00	4.0%	$1,996.80
Science Laboratory and Teaching Supplies	3075-DIA	Binocular Microscope with LED Diascopic Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Diascopic focusing stand, 360° rotatable mirror, integrated LED	Accu-Scope	3075-DIA	Each	$2,440.00	4.0%	$2,342.40
Science Laboratory and Teaching Supplies	3075-FA	Binocular Zoom Stereo Microscope on Flex Arm Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Flex arm stand with c-clamp	Accu-Scope	3075-FA	Each	$1,890.00	4.0%	$1,814.40
Science Laboratory and Teaching Supplies	3075-GBS	Binocular Microscope on Gliding Arm Boom Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Gliding Arm Boom stand, bonder arm and dust cover	Accu-Scope	3075-GBS	Each	$1,616.00	4.0%	$1,551.36
Science Laboratory and Teaching Supplies	3075-GS	Binocular Zoom Stereo Microscope on Gem Stand Binocular viewing head, inclined 45°, rotatable 360° WF15x/16mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (10x -67.5x with 15x eyepieces) Gem Stand with tiltable, 325º rotatable base, darkfield halogen illuminator with sliding baffle and iris diaphragm, overhead fluorescent illuminator, Stage mounted variable LED light guide for Gem Stand	Accu-Scope	3075-GS	Each	$2,995.00	4.0%	$2,875.20
Science Laboratory and Teaching Supplies	3075-LED	Binocular Zoom Stereo Microscope on LED Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Dovetail focusing stand with coarse focus adjustment Frosted glass & black & white stage plates and dust cover Variable LED incident (12v2w) and transmitted (12v/4w) illuminators	Accu-Scope	3075-LED	Each	$1,735.00	4.0%	$1,665.60
Science Laboratory and Teaching Supplies	3075-LED-E	Binocular Zoom Stereo Microscope on E-LED Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces w/built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Dovetail focusing stand with coarse focus adjustment Frosted glass & black & white stage plates Variable LED incident and transmitted illuminators	Accu-Scope	3075-LED-E	Each	$1,439.00	4.0%	$1,381.44

Science Laboratory and Teaching Supplies	3075-PFS	Binocular Zoom Stereo Microscope on Plain Focusing Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces with built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Plain focusing stand with coarse focus adjustment Black & white stage plate, dust cover & manual	Accu-Scope	3075-PFS	Each	$1,369.00	4.0%	$1,314.24
Science Laboratory and Teaching Supplies	3075-PS	Binocular Zoom Stereo Microscope on Pole Stand Binocular viewing head, inclined 45°, rotatable 360° WF10x/22mm eyepieces w/ built in diopter adjustments & eyeguards 0.67x to 4.5x zoom range (6.7x -45x with 10x eyepieces) Pole stand with coarse focus adjustment; Focus range 50mm Black & white stage plate	Accu-Scope	3075-PS	Each	$1,369.00	4.0%	$1,314.24
Science Laboratory and Teaching Supplies	3076-BBS	Trinocular Zoom Stereo Microscope on Ball Bearing Boom Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-BBS	Each	$2,015.00	4.0%	$1,934.40
Science Laboratory and Teaching Supplies	3076-BS	Trinocular Zoom Stereo Microscope on Boom Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-BS	Each	$1,832.00	4.0%	$1,758.72
Science Laboratory and Teaching Supplies	3076-DIA	Trinocular Microscope with LED Diascopic Stand Same as above except with trinocular viewing head	Accu-Scope	3076-DIA	Each	$2,632.00	4.0%	$2,526.72
Science Laboratory and Teaching Supplies	3076-FA	Trinocular Zoom Stereo Microscope on Flex Arm Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-FA	Each	$2,083.00	4.0%	$1,999.68
Science Laboratory and Teaching Supplies	3076-GBS	Trinocular Microscope on Gliding Arm Boom Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-GBS	Each	$1,918.00	4.0%	$1,841.28
Science Laboratory and Teaching Supplies	3076-GS	Trinocular Zoom Stereo Microscope on Gem Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-GS	Each	$3,250.00	4.0%	$3,120.00
Science Laboratory and Teaching Supplies	3076-LED	Trinocular Zoom Stereo Microscope on LED Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-LED	Each	$1,936.00	4.0%	$1,858.56
Science Laboratory and Teaching Supplies	3076-LED-E	Trinocular Zoom Stereo Microscope on E-LED Stand Same as above except with trinocular viewing head w/ constant 50/50 light split	Accu-Scope	3076-LED-E	Each	$1,642.00	4.0%	$1,576.32
Science Laboratory and Teaching Supplies	3076-PFS	Trinocular Zoom Stereo Microscope on Plain Focusing Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-PFS	Each	$1,571.00	4.0%	$1,508.16
Science Laboratory and Teaching Supplies	3076-PS	Trinocular Zoom Stereo Microscope on Pole Stand Same as above except with trinocular viewing head w/constant 50/50 light split	Accu-Scope	3076-PS	Each	$1,571.00	4.0%	$1,508.16
Science Laboratory and Teaching Supplies	310-3170	Centering objective for mercury lamp	Accu-Scope	310-3170	Each	$311.00	4.0%	$298.56
Science Laboratory and Teaching Supplies	310-3172-PL	2x LWD infinity plan achromat, N.A. 0.06, W.D. 5.1mm	Accu-Scope	310-3172-PL	Each	$305.00	4.0%	$292.80
Science Laboratory and Teaching Supplies	310-3173-PH	4x LWD infinity plan phase objective, N.A. 0.1, W.D. 22mm	Accu-Scope	310-3173-PH	Each	$360.00	4.0%	$345.60
Science Laboratory and Teaching Supplies	310-3173-PL	4x LWD infinity plan objective, N.A. 0.10, W.D. 22mm	Accu-Scope	310-3173-PL	Each	$181.00	4.0%	$173.76
Science Laboratory and Teaching Supplies	310-3174-PH	10x LWD infinity plan phase objective, N.A. 0.25, W.D. 7.94mm	Accu-Scope	310-3174-PH	Each	$421.00	4.0%	$404.16
Science Laboratory and Teaching Supplies	310-3174-PL	10x LWD infinity plan objective, N.A. 0.25, W.D. 7.94mm	Accu-Scope	310-3174-PL	Each	$271.00	4.0%	$260.16
Science Laboratory and Teaching Supplies	310-3175-FL	40x LWD infinity plan fluor objective, N.A. 0.65, W.D. 1.61mm	Accu-Scope	310-3175-FL	Each	$1,995.00	4.0%	$1,915.20
Science Laboratory and Teaching Supplies	310-3175-FLPH	40x LWD Infinity Plan Fluor Phase Objective, N.A. 0.65, W.D. 1.61mm	Accu-Scope	310-3175-FLPH	Each	$2,111.00	4.0%	$2,026.56
Science Laboratory and Teaching Supplies	310-3175-PH	40x LWD infinity plan phase objective, N.A. 0.60, W.D. 3.71mm	Accu-Scope	310-3175-PH	Each	$737.00	4.0%	$707.52
Science Laboratory and Teaching Supplies	310-3175-PL	40x LWD infinity plan objective, N.A. 0.60, W.D. 3.71mm	Accu-Scope	310-3175-PL	Each	$537.00	4.0%	$515.52
Science Laboratory and Teaching Supplies	310-3177-FL	20x LWD infinity plan fluor objective, N.A. 0.45, W.D. 5.91mm	Accu-Scope	310-3177-FL	Each	$1,507.00	4.0%	$1,446.72

Science Laboratory and Teaching Supplies	310-3177-FLPH	20x LWD Infinity Plan Fluor Phase Objective, N.A. 0.45, W.D. 5.91mm	Accu-Scope	310-3177-FLPH	Each	$1,733.00	4.0%	$1,663.68
Science Laboratory and Teaching Supplies	310-3177-PH	20x LWD infinity plan phase objective, N.A. 0.40, W.D. 7.66mm	Accu-Scope	310-3177-PH	Each	$547.00	4.0%	$525.12
Science Laboratory and Teaching Supplies	310-3177-PL	20x LWD infinity plan objective, N.A. 0.40, W.D. 7.66mm	Accu-Scope	310-3177-PL	Each	$415.00	4.0%	$398.40
Science Laboratory and Teaching Supplies	310-3178-FL	60x LWD infinity plan fluor objective, N.A. 0.75, W.D. 1.04mm	Accu-Scope	310-3178-FL	Each	$2,820.00	4.0%	$2,707.20
Science Laboratory and Teaching Supplies	310-3178-PL	60x LWD infinity plan objective, N.A. 0.70, W.D. 2.50mm	Accu-Scope	310-3178-PL	Each	$715.00	4.0%	$686.40
Science Laboratory and Teaching Supplies	310-3213	Attachable mechanical stage, right hand coaxial control, movement range 120 x 78mm with (1) auxiliary stage plate	Accu-Scope	310-3213	Each	$491.00	4.0%	$471.36
Science Laboratory and Teaching Supplies	310-3231	Fluorescence attachment with field iris diaphragm (include all mounting hardware, filter sliders ND25, light blockers, UV shield, etc.)	Accu-Scope	310-3231	Each	$1,610.00	4.0%	$1,545.60
Science Laboratory and Teaching Supplies	310-3232-2	2 position filter cube holder, 2 filter slots with 2 blank cubes, 1 brightfield position	Accu-Scope	310-3232-2	Each	$1,065.00	4.0%	$1,022.40
Science Laboratory and Teaching Supplies	310-3232-3	3 position filter cube holder, 3 filter slots with 3 blank cubes, 1 brightfield position	Accu-Scope	310-3232-3	Each	$1,305.00	4.0%	$1,252.80
Science Laboratory and Teaching Supplies	310-3233	100w mercury power supply	Accu-Scope	310-3233	Each	$1,238.00	4.0%	$1,188.48
Science Laboratory and Teaching Supplies	310-35PD	**Ø35mm petri dish holder**	Accu-Scope	310-35PD	Each	$73.00	4.0%	$70.08
Science Laboratory and Teaching Supplies	310-39365	DAPI, Hoechst filter set for EXI-310 Series EX: 350/50x, BS: 400DC, EM: 460/50m	Accu-Scope	310-39365	Each	$1,220.00	4.0%	$1,171.20
Science Laboratory and Teaching Supplies	310-54SGH	Ø54mm petri dish holder and glass slide holder	Accu-Scope	310-54SGH	Each	$73.00	4.0%	$70.08
Science Laboratory and Teaching Supplies	310-MLH	100w HBO lamphouse, collector lens, mirror, centrable with focus adjustment	Accu-Scope	310-MLH	Each	$1,464.00	4.0%	$1,405.44
Science Laboratory and Teaching Supplies	310-TH	Terasaki holder (also for ø65mm petri dish holder)	Accu-Scope	310-TH	Each	$73.00	4.0%	$70.08
Science Laboratory and Teaching Supplies	3137-19	10mm/100 division reticle with crossline, 19mm	Accu-Scope	3137-19	Each	$54.00	4.0%	$51.84
Science Laboratory and Teaching Supplies	3137-19-PS	Pointer with scale reticle, 19mm	Accu-Scope	3137-19-PS	Each	$58.00	4.0%	$55.68
Science Laboratory and Teaching Supplies	3137-20	20.5mm eyepiece reticle, 10mm/100 divisions with crossline for CAT# 00-3113-20	Accu-Scope	3137-20	Each	$54.00	4.0%	$51.84
Science Laboratory and Teaching Supplies	3137-21	21mm eyepiece reticle w/mounting ring, 10mm/100 divisions with crossline	Accu-Scope	3137-21	Each	$54.00	4.0%	$51.84
Science Laboratory and Teaching Supplies	3185PL-00	4x DIN plan achromat objective, N.A. 0.10, W.D. 17.9mm	Accu-Scope	3185PL-00	Each	$76.00	4.0%	$72.96
Science Laboratory and Teaching Supplies	3186PL-00	10x DIN plan achromat objective, N.A. 0.25, W.D. 2.04mm	Accu-Scope	3186PL-00	Each	$118.00	4.0%	$113.28
Science Laboratory and Teaching Supplies	3187PL-00	20x DIN plan achromat objective, N.A. 0.40, W.D. 1.2mm	Accu-Scope	3187PL-00	Each	$187.00	4.0%	$179.52
Science Laboratory and Teaching Supplies	3188PL-00	40xR DIN plan achromat objective, N.A. 0.65, W.D. 0.65mm	Accu-Scope	3188PL-00	Each	$219.00	4.0%	$210.24
Science Laboratory and Teaching Supplies	3189PL-00	100xR oil DIN plan achromat objective, N.A. 1.25, W.D. 0.15mm	Accu-Scope	3189PL-00	Each	$284.00	4.0%	$272.64
Science Laboratory and Teaching Supplies	3189PL-D	100xR DRY DIN plan achromat objective, N.A. 0.80, W.D. 0.15mm	Accu-Scope	3189PL-D	Each	$275.00	4.0%	$264.00
Science Laboratory and Teaching Supplies	3189PL-W	100xR Water Immersion DIN plan achromat objectives, N.A. 1.0, W.D. 0.19mm	Accu-Scope	3189PL-W	Each	$342.00	4.0%	$328.32
Science Laboratory and Teaching Supplies	3191PL-00	60xR DIN plan achromat objective, N.A. 0.85, W.D. 0.19mm	Accu-Scope	3191PL-00	Each	$424.00	4.0%	$407.04
Science Laboratory and Teaching Supplies	3206-1	.001" Shims - stainless steel, 10/pk.	Accu-Scope	3206-1	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-10	.010" Shims - stainless steel, 10/pk.	Accu-Scope	3206-10	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-2	.002" Shims - stainless steel, 10/pk.	Accu-Scope	3206-2	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-3	.003" Shims - stainless steel, 10/pk.	Accu-Scope	3206-3	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-4	.004" Shims - stainless steel, 10/pk.	Accu-Scope	3206-4	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-5	.005" Shims - stainless steel, 10/pk.	Accu-Scope	3206-5	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3206-7	.007" Shims - stainless steel, 10/pk.	Accu-Scope	3206-7	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	3231-BG	Dual wavelength integrated LED fluorescence illuminator; FITC, TRITC/Cy3 and brightfield positions; EX: 475/40nm, BS: >500nm, EM: 535/45nm; EX: 525/45nm, BS: >560nm, EM: 595/60nm; must specify dovetails (included)	Accu-Scope	3231-BG	Each	$5,982.00	4.0%	$5,742.72
Science Laboratory and Teaching Supplies	3231-BGU	Triple wavelength integrated LED fluorescence illuminator; FITC and TRITC/Cy3 positions, UV/DAPI position also used for brightfield; EX: 330-380nm, BS: >400nm, EM: 420nmLP; EX: 475/40nm, BS: >500nm, EM: 535/45nm; EX: 525/45nm, BS: >560nm, EM: 595/60nm; must specify dovetails (included)	Accu-Scope	3231-BGU	Each	$8,957.00	4.0%	$8,598.72
Science Laboratory and Teaching Supplies	32-3240-G	45mm Green filter	Accu-Scope	32-3240-G	Each	$36.00	4.0%	$34.56
Science Laboratory and Teaching Supplies	3235-G	32mm Green filter	Accu-Scope	3235-G	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	3235-W	32mm White frosted filter	Accu-Scope	3235-W	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	3238-15	40mm Clear daylight blue filter	Accu-Scope	3238-15	Each	$30.00	4.0%	$28.80
Science Laboratory and Teaching Supplies	3254-U	Ushio HBO 100 W/2 mercury lamp	Accu-Scope	3254-U	Each	$311.00	4.0%	$298.56
Science Laboratory and Teaching Supplies	3301-L	Dust cover	Accu-Scope	3301-L	Each	$20.00	4.0%	$19.20
Science Laboratory and Teaching Supplies	3301-S	Dust cover, nylon - 19.5"H x 15.5" W	Accu-Scope	3301-S	Each	$19.00	4.0%	$18.24

Science Laboratory and Teaching Supplies	3301-XL	Dust cover, black nylon - extra large size - 18.5" W x 23.5" H	Accu-Scope	3301-XL	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	3306-50	WF10x stereo eyepiece, 20mm field of view, 30.5mm O.D. (each)	Accu-Scope	3306-50	Each	$71.00	4.0%	$68.16
Science Laboratory and Teaching Supplies	3307-50	WF15x stereo eyepiece, 13mm field of view, 30.5mm O.D. (each)	Accu-Scope	3307-50	Each	$81.00	4.0%	$77.76
Science Laboratory and Teaching Supplies	3308-50	WF20x stereo eyepiece, 10mm field of view, 30.5mm O.D. (each)	Accu-Scope	3308-50	Each	$81.00	4.0%	$77.76
Science Laboratory and Teaching Supplies	3350-50	Frosted glass stage plate for 3050, 95mm diameter	Accu-Scope	3350-50	Each	$33.00	4.0%	$31.68
Science Laboratory and Teaching Supplies	3350-55	Frosted glass stage plate for 3055, 59mm diameter	Accu-Scope	3350-55	Each	$33.00	4.0%	$31.68
Science Laboratory and Teaching Supplies	3350-65	Frosted glass stage plate for 3065, 95mm diameter	Accu-Scope	3350-65	Each	$33.00	4.0%	$31.68
Science Laboratory and Teaching Supplies	3351-50	Black and white stage plate for 3050, 95mm diameter	Accu-Scope	3351-50	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	3351-55	Black and white stage plate for 3055, 59mm diameter	Accu-Scope	3351-55	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	3351-61	Black and white stage plate for 3059/3061/3069- 74mm diameter	Accu-Scope	3351-61	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	3351-62	Black and white stage plate for 3062/3060, 89mm diameter	Accu-Scope	3351-62	Each	$42.00	4.0%	$40.32
Science Laboratory and Teaching Supplies	3351-65	Black and white stage plate for 3065, 95mm diameter	Accu-Scope	3351-65	Each	$42.00	4.0%	$40.32
Science Laboratory and Teaching Supplies	350-3113	WF10x/20mm focusable eyepiece with diopter adjustment and roll down eyeguard	Accu-Scope	350-3113	Each	$117.00	4.0%	$112.32
Science Laboratory and Teaching Supplies	350-3173-SAPO	4x Plan S-APO objective, N.A. 0.13, W.D. 16.5mm	Accu-Scope	350-3173-SAPO	Each	$482.00	4.0%	$462.72
Science Laboratory and Teaching Supplies	350-3174-SAPO	10x Plan S-APO objective, N.A. 0.30, W.D. 8.1mm	Accu-Scope	350-3174-SAPO	Each	$868.00	4.0%	$833.28
Science Laboratory and Teaching Supplies	350-3175-SAPO	40xR Plan S-APO objective, N.A. 0.75, W.D. 0.70mm	Accu-Scope	350-3175-SAPO	Each	$1,060.00	4.0%	$1,017.60
Science Laboratory and Teaching Supplies	350-3176-SAPO	100xR Plan S-APO objective, N.A. 1.30, W.D. 0.15mm	Accu-Scope	350-3176-SAPO	Each	$2,256.00	4.0%	$2,165.76
Science Laboratory and Teaching Supplies	350-3177-SAPO	20xR Plan S-APO objective, N.A. 0.50, W.D. 2.1mm	Accu-Scope	350-3177-SAPO	Each	$966.00	4.0%	$927.36
Science Laboratory and Teaching Supplies	350-3179-PL	50xR oil infinity plan achromat objective, N.A. 0.95, W.D. 0.18mm	Accu-Scope	350-3179-PL	Each	$655.00	4.0%	$628.80
Science Laboratory and Teaching Supplies	350-3221-PH	Turret phase condenser - N.A. 1.25, phase annulli 10x, 20x, 40x, 100x and BF position	Accu-Scope	350-3221-PH	Each	$778.00	4.0%	$746.88
Science Laboratory and Teaching Supplies	350-3221-PHDF	Turret phase condenser - N.A. 1.25, phase annulli 10x, 40x, 100x, BF and DF positions	Accu-Scope	350-3221-PHDF	Each	$802.00	4.0%	$769.92
Science Laboratory and Teaching Supplies	350-3228-AN	Analyzer	Accu-Scope	350-3228-AN	Each	$259.00	4.0%	$248.64
Science Laboratory and Teaching Supplies	350-3230	Rotatable polarizer, with attached, insertable red compensator plate (Must order simple analyzer CAT# 00-3228-AN separately to complete set-up for Gout)	Accu-Scope	350-3230	Each	$910.00	4.0%	$873.60
Science Laboratory and Teaching Supplies	350-3231-DT	Dovetail adapters (set of 2) for EXC-350.	Accu-Scope	350-3231-DT	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	350-3240-G	45mm Green Interference Filter 550nm (this filter is supplied with all phase units)	Accu-Scope	350-3240-G	Each	$71.00	4.0%	$68.16
Science Laboratory and Teaching Supplies	350-3240-LBD	45mm LBD filter	Accu-Scope	350-3240-LBD	Each	$85.00	4.0%	$81.60
Science Laboratory and Teaching Supplies	350-3295-A	Carry Case - Aluminum hard sided, form fitted for EXC-350	Accu-Scope	350-3295-A	Each	$312.00	4.0%	$299.52
Science Laboratory and Teaching Supplies	360-3221-PH	Turret phase condenser - N.A. 1.25, phase annulli 10x, 20x, 40x, 100x and BF position	Accu-Scope	360-3221-PH	Each	$747.00	4.0%	$717.12
Science Laboratory and Teaching Supplies	360-3222-2X	Diffusing slider for use with 2x objective (CAT# 400-3172-PL)	Accu-Scope	360-3222-2X	Each	$259.00	4.0%	$248.64
Science Laboratory and Teaching Supplies	360-3223-DF	Darkfield slider with BF and 4-40x positions	Accu-Scope	360-3223-DF	Each	$259.00	4.0%	$248.64
Science Laboratory and Teaching Supplies	360-3224-1040	Phase contrast slider with BF position, 10x and 40x phase annuli positions	Accu-Scope	360-3224-1040	Each	$378.00	4.0%	$362.88
Science Laboratory and Teaching Supplies	360-3224-20100	Phase contrast slider with BF position, 20x and 100x phase annuli positions	Accu-Scope	360-3224-20100	Each	$378.00	4.0%	$362.88
Science Laboratory and Teaching Supplies	360-3228-AN	Analyzer	Accu-Scope	360-3228-AN	Each	$255.00	4.0%	$244.80
Science Laboratory and Teaching Supplies	360-3228-POL	Simple Polarizer	Accu-Scope	360-3228-POL	Each	$386.00	4.0%	$370.56
Science Laboratory and Teaching Supplies	360-3230	Rotatable polarizer, with attached, insertable red compensator plate (Must order simple analyzer CAT# 360-3228-AN separately to complete set-up for Gout)	Accu-Scope	360-3230	Each	$910.00	4.0%	$873.60
Science Laboratory and Teaching Supplies	360-3295-A	Carry Case - Aluminum hard sided, form fitted for EXC-360	Accu-Scope	360-3295-A	Each	$347.00	4.0%	$333.12
Science Laboratory and Teaching Supplies	400-2FTB	Dual viewing head section for front to back observation, LED pointer unit, (secondary viewing head and eyepieces need to be ordered separately)	Accu-Scope	400-2FTB	Each	$3,955.00	4.0%	$3,796.80
Science Laboratory and Teaching Supplies	400-2SBS	Dual viewing head section for side by side observation with support post, LED pointer unit, (secondary viewing head and eyepieces need to be ordered separately)	Accu-Scope	400-2SBS	Each	$5,509.00	4.0%	$5,288.64
Science Laboratory and Teaching Supplies	400-3113-24	PL10x/22mm focusable eyepiece with diopter adjustment and eyeguard, accepts 24mm reticle	Accu-Scope	400-3113-24	Each	$117.00	4.0%	$112.32
Science Laboratory and Teaching Supplies	400-3131	Roll down eye cushions (pair)	Accu-Scope	400-3131	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	400-3155	Binocular viewing head, inclined 30 degrees	Accu-Scope	400-3155	Each	$762.00	4.0%	$731.52
Science Laboratory and Teaching Supplies	400-3155-BE	Ergonomic binocular viewing head, inclined 5º-35º (no eyepieces)	Accu-Scope	400-3155-BE	Each	$1,440.00	4.0%	$1,382.40
Science Laboratory and Teaching Supplies	400-3158	Trinocular viewing head, inclined 30º, 100/0 or 50/50 light split (no eyepieces or adapters)	Accu-Scope	400-3158	Each	$811.00	4.0%	$778.56

Science Laboratory and Teaching Supplies	400-3158-F	Trinocular viewing head, inclined 30º, 100/0 or 0/100 light split (no eyepieces or adapters)	Accu-Scope	400-3158-F	Each	$811.00	4.0%	$778.56
Science Laboratory and Teaching Supplies	400-3172-PL	2x plan achromat objective, N.A. 0.06, W.D. 5.30mm (Use with CAT# 360-3222-2X)	Accu-Scope	400-3172-PL	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	400-3173-PL	**4x infinity plan achromat objective, N.A. 0.10, W.D. 11.9mm**	Accu-Scope	400-3173-PL	Each	$102.00	4.0%	$97.92
Science Laboratory and Teaching Supplies	400-3174-PH	10x infinity plan phase contrast objective, N.A. 0.25, W.D. 12.1mm	Accu-Scope	400-3174-PH	Each	$198.00	4.0%	$190.08
Science Laboratory and Teaching Supplies	400-3174-PL	10x infinity plan achromat objective, N.A. 0.25, 12.1mm	Accu-Scope	400-3174-PL	Each	$124.00	4.0%	$119.04
Science Laboratory and Teaching Supplies	400-3175-PH	40xR infinity plan phase objective, N.A. 0.65, W.D. 0.36mm	Accu-Scope	400-3175-PH	Each	$428.00	4.0%	$410.88
Science Laboratory and Teaching Supplies	400-3175-PL	40xR infinity plan achromat objective, N.A. 0.65, W.D. 0.36mm	Accu-Scope	400-3175-PL	Each	$309.00	4.0%	$296.64
Science Laboratory and Teaching Supplies	400-3176-PH	100xR oil infinity plan phase objective, N.A. 1.25, W.D. 0.18mm	Accu-Scope	400-3176-PH	Each	$462.00	4.0%	$443.52
Science Laboratory and Teaching Supplies	400-3176-PL	100xR oil infinity plan achromat objective, N.A. 1.25, W.D. 0.18mm	Accu-Scope	400-3176-PL	Each	$401.00	4.0%	$384.96
Science Laboratory and Teaching Supplies	400-3177-PH	20x infinity plan phase objective, N.A. 0.40, W.D. 1.50mm	Accu-Scope	400-3177-PH	Each	$309.00	4.0%	$296.64
Science Laboratory and Teaching Supplies	400-3177-PL	20x infinity plan achromat objective, N.A. 0.50, W.D. 1.56mm	Accu-Scope	400-3177-PL	Each	$263.00	4.0%	$252.48
Science Laboratory and Teaching Supplies	400-3178-PL	60xR infinity plan achromat objective, N.A. 0.85, W.D. 0.30mm	Accu-Scope	400-3178-PL	Each	$412.00	4.0%	$395.52
Science Laboratory and Teaching Supplies	400-3213	Rackless ceramic coated double-layer mechanical stage for EXC-400, tan surface, 175x145mm area, moving range 75x50mm	Accu-Scope	400-3213	Each	$625.00	4.0%	$600.00
Science Laboratory and Teaching Supplies	400-3213-RS	Rackless stage for EXC-400 with adjustable coaxial controls, 187x166mm double layer mechanical stage, black hard-coated surface, moving range 80x55mm	Accu-Scope	400-3213-RS	Each	$849.00	4.0%	$815.04
Science Laboratory and Teaching Supplies	400-3221-PH	Turret phase condenser - N.A. 1.25, phase annulli 10x, 20x, 40x, 100x and BF position	Accu-Scope	400-3221-PH	Each	$778.00	4.0%	$746.88
Science Laboratory and Teaching Supplies	400-3221-SO	N.A.1.2/0.22 swing-out achromatic condenser	Accu-Scope	400-3221-SO	Each	$222.00	4.0%	$213.12
Science Laboratory and Teaching Supplies	400-3222-2X	Diffusing filter with adapter ring for use with CAT# 400-3172-PL	Accu-Scope	400-3222-2X	Each	$72.00	4.0%	$69.12
Science Laboratory and Teaching Supplies	400-3228-AN	Analyzer	Accu-Scope	400-3228-AN	Each	$259.00	4.0%	$248.64
Science Laboratory and Teaching Supplies	400-3228-POL	Simple Polarizer	Accu-Scope	400-3228-POL	Each	$386.00	4.0%	$370.56
Science Laboratory and Teaching Supplies	400-3228-QWP	1/4 λ wave plate	Accu-Scope	400-3228-QWP	Each	$524.00	4.0%	$503.04
Science Laboratory and Teaching Supplies	400-3230	Rotatable polarizer, with attached, insertable red compensator plate (Must order simple analyzer CAT# 400-3328-AN separately to complete set-up for Gout)	Accu-Scope	400-3230	Each	$947.00	4.0%	$909.12
Science Laboratory and Teaching Supplies	400-3231	6 position reflected illuminator with field iris, shutter slider, UV protection plate for use with LED or Metal Halide systems	Accu-Scope	400-3231	Each	$3,013.00	4.0%	$2,892.48
Science Laboratory and Teaching Supplies	400-3231-DT	Dovetail adapters (set of 2) for EXC-400 and EXC-360	Accu-Scope	400-3231-DT	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	400-3301	Dust cover for EXC-400, nylon	Accu-Scope	400-3301	Each	$20.00	4.0%	$19.20
Science Laboratory and Teaching Supplies	410-2010-1	1.0x c-mount adapter, adjustable focus	Accu-Scope	410-2010-1	Each	$260.00	4.0%	$249.60
Science Laboratory and Teaching Supplies	410-2010-50	0.50x c-mount adapter for 1/2" chip sensors, adjustable focus	Accu-Scope	410-2010-50	Each	$562.00	4.0%	$539.52
Science Laboratory and Teaching Supplies	410-3173-PHSA	4x LWD infinity S-APO phase objective, N,A. 0.13, W.D. 16.5mm	Accu-Scope	410-3173-PHSA	Each	$695.00	4.0%	$667.20
Science Laboratory and Teaching Supplies	410-3173-PL	4x LWD infinity plan objective, N.A. 0.10, W.D. 29.3mm	Accu-Scope	410-3173-PL	Each	$140.00	4.0%	$134.40
Science Laboratory and Teaching Supplies	410-3174-PH	10x LWD infinity plan phase objective, N.A. 0.25, W.D. 9.5mm	Accu-Scope	410-3174-PH	Each	$375.00	4.0%	$360.00
Science Laboratory and Teaching Supplies	410-3174-PHSA	10x LWD infinity S-APO phase objective, N.A. 0.3, W.D. 7.4mm	Accu-Scope	410-3174-PHSA	Each	$1,699.00	4.0%	$1,631.04
Science Laboratory and Teaching Supplies	410-3175-PH	40x LWD infinity plan phase objective, N.A. 0.60, W.D. 2.3mm	Accu-Scope	410-3175-PH	Each	$575.00	4.0%	$552.00
Science Laboratory and Teaching Supplies	410-3175-PHSA	40x LWD infinity S-APO phase objective, N.A. 0.60, W.D. 3.3mm	Accu-Scope	410-3175-PHSA	Each	$2,685.00	4.0%	$2,577.60
Science Laboratory and Teaching Supplies	410-3177-PH	20x LWD infinity plan phase objective, N.A. 0.40, W.D. 12mm	Accu-Scope	410-3177-PH	Each	$419.00	4.0%	$402.24
Science Laboratory and Teaching Supplies	410-3177-PHSA	20x LWD infinity S-APO phase objective, N,A. 0.45, W.D. 8.0mm	Accu-Scope	410-3177-PHSA	Each	$1,969.00	4.0%	$1,890.24
Science Laboratory and Teaching Supplies	410-3213	Attachable mechanical stage, right hand coaxial control, movement range 128 x 80mm with (1) auxiliary stage plate	Accu-Scope	410-3213	Each	$518.00	4.0%	$497.28
Science Laboratory and Teaching Supplies	410-3227-C	Emboss contrast slider	Accu-Scope	410-3227-C	Each	$362.00	4.0%	$347.52
Science Laboratory and Teaching Supplies	410-3255	Contrast shield for EXI-410 for enhanced fluorescence illumination	Accu-Scope	410-3255	Each	$198.00	4.0%	$190.08
Science Laboratory and Teaching Supplies	410-35PD	Ø35mm petri dish holder (must be used with Teraski Holder)	Accu-Scope	410-35PD	Each	$88.00	4.0%	$84.48
Science Laboratory and Teaching Supplies	410-365-LED	365nm LED light unit (DAPI)	Accu-Scope	410-365-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-395-LED	395nm LED light unit (DAPI)	Accu-Scope	410-395-LED	Each	$699.00	4.0%	$671.04

Science Laboratory and Teaching Supplies	410-405-LED	405nm LED light unit (DAPI)	Accu-Scope	410-405-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-470-LED	470nm LED light unit (FITC/GFP)	Accu-Scope	410-470-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-525-LED	525nm LED light unit (TRITC)	Accu-Scope	410-525-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-540-LED	540nm LED light unit (DSRed, TRITC)	Accu-Scope	410-540-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-54SGH	Ø54mm petri dish holder, hemocytometer and glass slide holder	Accu-Scope	410-54SGH	Each	$88.00	4.0%	$84.48
Science Laboratory and Teaching Supplies	410-560-LED	560nm LED light unit (Texas Red)	Accu-Scope	410-560-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-590-LED	590nm LED light unit (Texas Red)	Accu-Scope	410-590-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-640-LED	640nm LED light unit (Cy5)	Accu-Scope	410-640-LED	Each	$699.00	4.0%	$671.04
Science Laboratory and Teaching Supplies	410-65PD	Ø65mm petri dish holder and glass slide holder	Accu-Scope	410-65PD	Each	$88.00	4.0%	$84.48
Science Laboratory and Teaching Supplies	410-90PD	Ø90mm petri dish holder	Accu-Scope	410-90PD	Each	$88.00	4.0%	$84.48
Science Laboratory and Teaching Supplies	410-MM	Monitor mount for Excelis camera screen to microscope frame. Requires CAT# AU-HD-PS	Accu-Scope	410-MM	Each	$260.00	4.0%	$249.60
Science Laboratory and Teaching Supplies	410-PHS3	Pre-centered phase slider with 10x/20x & 40x annuli, brightfield & filter slot	Accu-Scope	410-PHS3	Each	$146.00	4.0%	$140.16
Science Laboratory and Teaching Supplies	410-PHS4	Pre-centered phase slider with 4x, 10x/20x & 40x annuli, brightfield	Accu-Scope	410-PHS4	Each	$225.00	4.0%	$216.00
Science Laboratory and Teaching Supplies	410-TH	Terasaki holder / Ø65mm petri dish holder	Accu-Scope	410-TH	Each	$88.00	4.0%	$84.48
Science Laboratory and Teaching Supplies	410-UH	Universal holder for terasaki plate holder, glass slide, Ø35-65 dish and hemocytometer	Accu-Scope	410-UH	Each	$399.00	4.0%	$383.04
Science Laboratory and Teaching Supplies	410-WC	Well clamper	Accu-Scope	410-WC	Each	$139.00	4.0%	$133.44
Science Laboratory and Teaching Supplies	500-10SBS	10 viewing head unit for side by side observation, LED pointer unit with power supply, must be used with microscope frame with 100w halogen illuminator Can only be configured with standard binocular viewing heads.	Accu-Scope	500-10SBS	Each	$28,245.00	4.0%	$27,115.20
Science Laboratory and Teaching Supplies	500-2000	Photo tube, 23.2mm I.D.	Accu-Scope	500-2000	Each	$186.00	4.0%	$178.56
Science Laboratory and Teaching Supplies	500-2000-E	Photo/video intermediate attachment with 50/50 split for use with ergonomic binocular viewing head (CAT# 500-3155-BE). Must order c-mount adapter separately	Accu-Scope	500-2000-E	Each	$537.00	4.0%	$515.52
Science Laboratory and Teaching Supplies	500-2005-1	1x focusable c-mount adapter (no lens)	Accu-Scope	500-2005-1	Each	$201.00	4.0%	$192.96
Science Laboratory and Teaching Supplies	500-2FTB	Dual viewing head section for front to back observation, LED pointer unit with power adapter	Accu-Scope	500-2FTB	Each	$3,450.00	4.0%	$3,312.00
Science Laboratory and Teaching Supplies	500-2FTB-12	Front to back module with LED pointer, external power supply and secondary viewing position (user must order secondary viewing head and eyepieces separately), with support post.	Accu-Scope	500-2FTB-12	Each	$3,595.00	4.0%	$3,451.20
Science Laboratory and Teaching Supplies	500-2SBS	Dual viewing head section for side by side observation, LED pointer unit with power adapter	Accu-Scope	500-2SBS	Each	$4,750.00	4.0%	$4,560.00
Science Laboratory and Teaching Supplies	500-3113	WF10x/22mm focusable eyepiece with diopter adjustment and eye cushion (each); accepts a 24mm reticle	Accu-Scope	500-3113	Each	$163.00	4.0%	$156.48
Science Laboratory and Teaching Supplies	500-3113-25	WF10x/25mm focusable eyepiece with diopter adjustment and eye cushion (each); accepts a 26.5mm reticle	Accu-Scope	500-3113-25	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	500-3137-26	26.5mm eyepiece reticle w/mounting ring, 10mm/100 divisions with crossline	Accu-Scope	500-3137-26	Each	$52.00	4.0%	$49.92
Science Laboratory and Teaching Supplies	500-3155	Binocular viewing head, 30° inclined, IPD 47 - 78mm	Accu-Scope	500-3155	Each	$995.00	4.0%	$955.20
Science Laboratory and Teaching Supplies	500-3155-BE	Ergonomic binocular viewing head, inclination from 5º to 35° (an optional photo/video port is available - see camera adapters)	Accu-Scope	500-3155-BE	Each	$1,395.00	4.0%	$1,339.20
Science Laboratory and Teaching Supplies	500-3158	Trinocular viewing head, inclined 30°, IPD 47 - 78mm, rotatable 360°, Viewing split: 100% T / 0% B; 20% T / 80% B; and 0% T / 100% B	Accu-Scope	500-3158	Each	$1,175.00	4.0%	$1,128.00
Science Laboratory and Teaching Supplies	500-3158-TE	Ergo Trinocular viewing head, adjustable 0° to 35°, IPD 47 - 78mm, rotatable 360°, Viewing split: 100% T / 0% B; 20% T / 80% B; and 0% T / 100% B	Accu-Scope	500-3158-TE	Each	$2,795.00	4.0%	$2,683.20
Science Laboratory and Teaching Supplies	500-3172-PL	2x NIS Plan achromat objective, N.A. 0.06, W.D. 7.5mm	Accu-Scope	500-3172-PL	Each	$382.00	4.0%	$366.72
Science Laboratory and Teaching Supplies	500-3173-PL	4x NIS Plan achromat objective, N.A. 0.10, W.D. 30mm	Accu-Scope	500-3173-PL	Each	$180.00	4.0%	$172.80
Science Laboratory and Teaching Supplies	500-3173-SAPO	4x NIS Plan S-APO objective, N.A. 0.13, W.D. 16.5mm	Accu-Scope	500-3173-SAPO	Each	$495.00	4.0%	$475.20
Science Laboratory and Teaching Supplies	500-3174-PH	10x NIS Plan phase objective, N.A. 0.25, W.D. 10.2mm	Accu-Scope	500-3174-PH	Each	$395.00	4.0%	$379.20
Science Laboratory and Teaching Supplies	500-3174-PL	10x NIS Plan achromat objective, N.A. 0.25, W.D. 10.2mm	Accu-Scope	500-3174-PL	Each	$242.00	4.0%	$232.32
Science Laboratory and Teaching Supplies	500-3174-SAPO	10x NIS Plan S-APO objective, N.A. 0.30, W.D. 8.1mm	Accu-Scope	500-3174-SAPO	Each	$895.00	4.0%	$859.20
Science Laboratory and Teaching Supplies	500-3175-PH	40xR NIS Plan phase objective, N.A. 0.65, W.D. 0.70mm	Accu-Scope	500-3175-PH	Each	$702.00	4.0%	$673.92
Science Laboratory and Teaching Supplies	500-3175-PL	40xR NIS Plan achromat objective, N.A. 0.65, W.D. 0.70mm	Accu-Scope	500-3175-PL	Each	$471.00	4.0%	$452.16
Science Laboratory and Teaching Supplies	500-3175-SAPO	40xR NIS Plan S-APO objective, N.A. 0.75, W.D. 0.70mm	Accu-Scope	500-3175-SAPO	Each	$1,150.00	4.0%	$1,104.00
Science Laboratory and Teaching Supplies	500-3176-APO	**100xR oil NIS Plan APO objective, N.A. 1.45, W.D. 0.13mm**	Accu-Scope	500-3176-APO	Each	$5,306.00	4.0%	$5,093.76
Science Laboratory and Teaching Supplies	500-3176I-PL	100xR oil NIS Plan achromat objective with iris diaphragm, N.A. 0.5 to 1.25, W.D. 0.20mm	Accu-Scope	500-3176I-PL	Each	$2,077.00	4.0%	$1,993.92

Science Laboratory and Teaching Supplies	500-3176-PH	100xR oil NIS Plan phase objective, N.A. 1.25, W.D. 0.20mm	Accu-Scope	500-3176-PH	Each	$1,121.00	4.0%	$1,076.16
Science Laboratory and Teaching Supplies	500-3176-PL	100xR oil NIS Plan achromat objective, N.A. 1.25, W.D. 0.20mm	Accu-Scope	500-3176-PL	Each	$925.00	4.0%	$888.00
Science Laboratory and Teaching Supplies	500-3176-PLW	100xR Water NIS Plan achromat objective, N.A.1.10, W.D. 0.20mm	Accu-Scope	500-3176-PLW	Each	$686.00	4.0%	$658.56
Science Laboratory and Teaching Supplies	500-3176-SAPO	100xR oil Plan S-APO objective, N.A. 1.30, W.D. 0.15mm	Accu-Scope	500-3176-SAPO	Each	$2,295.00	4.0%	$2,203.20
Science Laboratory and Teaching Supplies	500-3177-PH	20x NIS Plan phase objective, N.A. 0.40, W.D. 12mm	Accu-Scope	500-3177-PH	Each	$483.00	4.0%	$463.68
Science Laboratory and Teaching Supplies	500-3177-PL	20x NIS Plan achromat objective, N.A. 0.40, W.D. 12mm	Accu-Scope	500-3177-PL	Each	$276.00	4.0%	$264.96
Science Laboratory and Teaching Supplies	500-3177-SAPO	20x NIS Plan S-APO objective, N.A. 0.50, W.D. 2.1mm	Accu-Scope	500-3177-SAPO	Each	$995.00	4.0%	$955.20
Science Laboratory and Teaching Supplies	500-3178-APO	60xR oil NIS Plan APO objective, N.A. 1.40, W.D. 0.25mm	Accu-Scope	500-3178-APO	Each	$6,300.00	4.0%	$6,048.00
Science Laboratory and Teaching Supplies	500-3178-PL	60xR NIS Plan achromat objective, N.A. 0.80, W.D. 0.30mm	Accu-Scope	500-3178-PL	Each	$828.00	4.0%	$794.88
Science Laboratory and Teaching Supplies	500-3179-PL	50xR oil NIS Plan achromat objective, N.A. 0.95, W.D. 0.19mm	Accu-Scope	500-3179-PL	Each	$929.00	4.0%	$891.84
Science Laboratory and Teaching Supplies	500-3213-GW	EXC-500 Gorilla™ Glass stage white backing with right hand coaxial controls, tension adjustable. Size 302 x 152mm; Moving range 78(X) x 54(Y)mm. Single position slide holder	Accu-Scope	500-3213-GW	Each	$715.00	4.0%	$686.40
Science Laboratory and Teaching Supplies	500-3213-HC	EXC-500 Hard Coat stage with right hand coaxial controls, tension adjustable. Size 302 x 152mm; Moving range 78(X) x 54(Y)mm. Single position slide holder	Accu-Scope	500-3213-HC	Each	$663.00	4.0%	$636.48
Science Laboratory and Teaching Supplies	500-3213-HCL	EXC-500 Hard Coat stage with left hand coaxial controls, tension adjustable. Size 302 x 152mm; Moving range 78(X) x 54(Y)mm. Single position slide holder	Accu-Scope	500-3213-HCL	Each	$702.00	4.0%	$673.92
Science Laboratory and Teaching Supplies	500-3213-P	Pathology plain stage 144mm x 144mm, hard anodized coating	Accu-Scope	500-3213-P	Each	$585.00	4.0%	$561.60
Science Laboratory and Teaching Supplies	500-3221	Abbe condenser, N.A. 0.9 with iris diaphragm	Accu-Scope	500-3221	Each	$241.00	4.0%	$231.36
Science Laboratory and Teaching Supplies	500-3221-DIC	DIC turret condenser	Accu-Scope	500-3221-DIC	Each	$1,379.00	4.0%	$1,323.84
Science Laboratory and Teaching Supplies	500-3221-PH	5-position N.A. 1.25 Positive Phase contrast turret condenser, Brightfield position, 10x, 20x, 40x & 100x phase annuli	Accu-Scope	500-3221-PH	Each	$795.00	4.0%	$763.20
Science Laboratory and Teaching Supplies	500-3221-SO	Achromat swing out condenser, N.A. 0.90 (2x - 100x) with iris diaphragm	Accu-Scope	500-3221-SO	Each	$241.00	4.0%	$231.36
Science Laboratory and Teaching Supplies	500-3222-2X	Swing-out diffusion filter for enhanced viewing with 2x objective	Accu-Scope	500-3222-2X	Each	$95.00	4.0%	$91.20
Science Laboratory and Teaching Supplies	500-3224-10	DIC prism for 10x objective	Accu-Scope	500-3224-10	Each	$1,537.00	4.0%	$1,475.52
Science Laboratory and Teaching Supplies	500-3224-100	DIC prism for 100x objective	Accu-Scope	500-3224-100	Each	$1,537.00	4.0%	$1,475.52
Science Laboratory and Teaching Supplies	500-3224-2040	DIC prism for 20x and 40x objectives	Accu-Scope	500-3224-2040	Each	$1,537.00	4.0%	$1,475.52
Science Laboratory and Teaching Supplies	500-3225-FT	Attachable filter tray to allow insertion of multiple filters for use with phase condenser	Accu-Scope	500-3225-FT	Each	$72.00	4.0%	$69.12
Science Laboratory and Teaching Supplies	500-3227-DIC-1020	10x/20x DIC nosepiece slider, includes analyzer	Accu-Scope	500-3227-DIC-1020	Each	$1,012.00	4.0%	$971.52
Science Laboratory and Teaching Supplies	500-3227-DIC-40100	40x/100x DIC nosepiece slider, includes analyzer	Accu-Scope	500-3227-DIC-40100	Each	$1,012.00	4.0%	$971.52
Science Laboratory and Teaching Supplies	500-3228-AN	Simple analyzer	Accu-Scope	500-3228-AN	Each	$675.00	4.0%	$648.00
Science Laboratory and Teaching Supplies	500-3228-L	Lambda λ plate	Accu-Scope	500-3228-L	Each	$118.00	4.0%	$113.28
Science Laboratory and Teaching Supplies	500-3228-POL	Simple polarizer, swing out	Accu-Scope	500-3228-POL	Each	$395.00	4.0%	$379.20
Science Laboratory and Teaching Supplies	500-3228-QWP	1/4 λ wave plate	Accu-Scope	500-3228-QWP	Each	$228.00	4.0%	$218.88
Science Laboratory and Teaching Supplies	500-3228-R	Quartz wedge	Accu-Scope	500-3228-R	Each	$397.00	4.0%	$381.12
Science Laboratory and Teaching Supplies	500-3229-W	Oil darkfield condenser N.A. 1.25 - 1.36 for use w/CAT# 500-3176I-PL	Accu-Scope	500-3229-W	Each	$473.00	4.0%	$454.08
Science Laboratory and Teaching Supplies	500-3230	Gout kit - rotatable polarizer, with attached, insertable red compensator plate - must order simple analyzer, CAT# 500-3228-AN separately to complete Gout Kit	Accu-Scope	500-3230	Each	$837.00	4.0%	$803.52
Science Laboratory and Teaching Supplies	500-3231	Fluorescence attachment with 6 position filter turret, shutter mechanism, aperture stop, iris, UV protection plate	Accu-Scope	500-3231	Each	$3,046.00	4.0%	$2,924.16
Science Laboratory and Teaching Supplies	500-3231-DT	Dovetail adapters (set of 2) for EXC-500 and 3012.	Accu-Scope	500-3231-DT	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	500-3231-UV	Replacement UV shield for 500-3231 6-position fluorescence attachment	Accu-Scope	500-3231-UV	Each	$80.00	4.0%	$76.80
Science Laboratory and Teaching Supplies	500-3301	Dust Cover - nylon for EXC-500	Accu-Scope	500-3301	Each	$39.00	4.0%	$37.44
Science Laboratory and Teaching Supplies	500-3301-MV	Dust cover - teaching units	Accu-Scope	500-3301-MV	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	500-3SBS	Three viewing head section for side/front to back observation, LED pointer unit with power adapter	Accu-Scope	500-3SBS	Each	$5,995.00	4.0%	$5,755.20
Science Laboratory and Teaching Supplies	500-5SBS	Five viewing head unit for side by side observation, LED pointer unit with power unit	Accu-Scope	500-5SBS	Each	$9,995.00	4.0%	$9,595.20
Science Laboratory and Teaching Supplies	500-NP	Sextuple nosepiece with analyzer slot	Accu-Scope	500-NP	Each	$432.00	4.0%	$414.72
Science Laboratory and Teaching Supplies	500-NP-SP	Nosepiece spacer to lower nosepiece by 25mm	Accu-Scope	500-NP-SP	Each	$540.00	4.0%	$518.40
Science Laboratory and Teaching Supplies	500-NP-SP1	Nosepiece spacer to lower nosepiece by 40mm	Accu-Scope	500-NP-SP1	Each	$540.00	4.0%	$518.40
Science Laboratory and Teaching Supplies	500-SH-1SL	Specimen holder for 1 slide	Accu-Scope	500-SH-1SL	Each	$167.00	4.0%	$160.32

Science Laboratory and Teaching Supplies	500-SH-2SL	Specimen holder for 2 slides	Accu-Scope	500-SH-2SL	Each	$167.00	4.0%	$160.32
Science Laboratory and Teaching Supplies	500-TA-CS	Condenser/stage mount	Accu-Scope	500-TA-CS	Each	$147.00	4.0%	$141.12
Science Laboratory and Teaching Supplies	75-2010-1	1x c-mount adapter for 1" chip sensors with focus adjustment	Accu-Scope	75-2010-1	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-35	0.35x c-mount adapter for 1/3" chip sensors with focus adjustment	Accu-Scope	75-2010-35	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-50	0.50x c-mount adapter for 1/2" chip sensors with focus adjustment	Accu-Scope	75-2010-50	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-65	0.65x c-mount adapter for 2/3" chip sensors with focus adjustment	Accu-Scope	75-2010-65	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-P	Photo tube with focusing adjustment, 23.2mm I.D.	Accu-Scope	75-2010-P	Each	$191.00	4.0%	$183.36
Science Laboratory and Teaching Supplies	75-3311	WF10x/22mm eyepiece with built in diopter adjustment & eyeguard	Accu-Scope	75-3311	Each	$104.00	4.0%	$99.84
Science Laboratory and Teaching Supplies	75-3311-R	WF10x/22 focusable eyepiece with 10mm/100 division reticle with cross-line	Accu-Scope	75-3311-R	Each	$217.00	4.0%	$208.32
Science Laboratory and Teaching Supplies	75-3312	WF15x/16mm eyepiece with built in diopter adjustment & eyeguard	Accu-Scope	75-3312	Each	$117.00	4.0%	$112.32
Science Laboratory and Teaching Supplies	75-3313	WF20x/12mm eyepiece with built-in diopter adjustment & eyeguard	Accu-Scope	75-3313	Each	$132.00	4.0%	$126.72
Science Laboratory and Teaching Supplies	75-3319	Stereo eyeguards (pair)	Accu-Scope	75-3319	Each	$26.00	4.0%	$24.96
Science Laboratory and Teaching Supplies	75-3330	Binocular viewing head, 0.67x - 4.5x, 100mm working distance	Accu-Scope	75-3330	Each	$876.00	4.0%	$840.96
Science Laboratory and Teaching Supplies	75-3332	Trinocular viewing head, 0.67x - 4.5x, 100mm working distance	Accu-Scope	75-3332	Each	$1,073.00	4.0%	$1,030.08
Science Laboratory and Teaching Supplies	75-3336	0.5x auxilary objective - 177mm working distance	Accu-Scope	75-3336	Each	$214.00	4.0%	$205.44
Science Laboratory and Teaching Supplies	75-3338	1.0x glass lens shield - 90mm working distance	Accu-Scope	75-3338	Each	$36.00	4.0%	$34.56
Science Laboratory and Teaching Supplies	75-3339	1.5x auxilary objective - 47mm working distance	Accu-Scope	75-3339	Each	$214.00	4.0%	$205.44
Science Laboratory and Teaching Supplies	75-3340	2.0x auxilary objective - 26mm working distance	Accu-Scope	75-3340	Each	$214.00	4.0%	$205.44
Science Laboratory and Teaching Supplies	75-3354	Bonder arm (E-Arm) with ø76mm pod holder, 5/8" mounting pin - 50mm focusing range	Accu-Scope	75-3354	Each	$210.00	4.0%	$201.60
Science Laboratory and Teaching Supplies	78-14-18	Focus mount for pole stand with Ø32mm opening for post	Accu-Scope	78-14-18	Each	$273.00	4.0%	$262.08
Science Laboratory and Teaching Supplies	78-3350	Black and white stage plate, 95mm for Plain Focusing & Pole Stand	Accu-Scope	78-3350	Each	$43.00	4.0%	$41.28
Science Laboratory and Teaching Supplies	805-00038	3 mm x 1500 mm X-Cite 120 liquid light guide	Accu-Scope	805-00038	Each	$567.00	4.0%	$544.32
Science Laboratory and Teaching Supplies	810-00022X	Zeiss Axio Standard X-Cite Adaptor	Accu-Scope	810-00022X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00030X	Nikon Standard X-Cite Adaptor	Accu-Scope	810-00030X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00031X	Olympus IX2 X-Cite Adaptor	Accu-Scope	810-00031X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00032X	Olympus BX X-Cite Adaptor	Accu-Scope	810-00032X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00033X	Leica Standard X-Cite Adaptor	Accu-Scope	810-00033X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00035X	Zeiss 40mm Axio w/ext Device X-Cite Adaptor	Accu-Scope	810-00035X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00038X	Leica Stereoscope X-Cite Adaptor	Accu-Scope	810-00038X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00046X	Olympus IX3 / MVX10 X-Cite Adaptor	Accu-Scope	810-00046X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-00077X	Olympus CX41 X-Cite Adaptor	Accu-Scope	810-00077X	Each	$1,500.00	4.0%	$1,440.00
Science Laboratory and Teaching Supplies	810-10022X	**Zeiss**	Accu-Scope	810-10022X	Each	$1,590.00	4.0%	$1,526.40
Science Laboratory and Teaching Supplies	810-10030X	Nikon	Accu-Scope	810-10030X	Each	$1,590.00	4.0%	$1,526.40
Science Laboratory and Teaching Supplies	810-10031X	Olympus IX	Accu-Scope	810-10031X	Each	$1,590.00	4.0%	$1,526.40
Science Laboratory and Teaching Supplies	810-10032X	Olympus BX and ACCU-SCOPE EXC-500, EXI-310	Accu-Scope	810-10032X	Each	$1,590.00	4.0%	$1,526.40
Science Laboratory and Teaching Supplies	810-10033x	Leica Standard	Accu-Scope	810-10033x	Each	$1,590.00	4.0%	$1,526.40
Science Laboratory and Teaching Supplies	810-10038X	Leica Stereo	Accu-Scope	810-10038X	Each	$899.00	4.0%	$863.04
Science Laboratory and Teaching Supplies	810-10096X	ACCU-SCOPE EXC-400	Accu-Scope	810-10096X	Each	$899.00	4.0%	$863.04
Science Laboratory and Teaching Supplies	88-3105	WF10x/18mm field of view eyepiece with pointer	Accu-Scope	88-3105	Each	$46.00	4.0%	$44.16
Science Laboratory and Teaching Supplies	88-3195	4x DIN achromat objective, N.A. 0.10, W.D. 37.5mm	Accu-Scope	88-3195	Each	$30.00	4.0%	$28.80
Science Laboratory and Teaching Supplies	88-3196	10x DIN achromat objective, N.A. 0.25, W.D. 6.54mm	Accu-Scope	88-3196	Each	$55.00	4.0%	$52.80
Science Laboratory and Teaching Supplies	88-3197	20x DIN achromat objective, N.A. 0.40, W.D. 1.66mm	Accu-Scope	88-3197	Each	$82.00	4.0%	$78.72
Science Laboratory and Teaching Supplies	88-3198	40xR DIN achromat objective, N.A. 0.65, W.D. 0.63mm	Accu-Scope	88-3198	Each	$85.00	4.0%	$81.60
Science Laboratory and Teaching Supplies	88-3199	60xR DIN achromat objective, N.A. 0.85, W.D. 0.19mm	Accu-Scope	88-3199	Each	$102.00	4.0%	$97.92
Science Laboratory and Teaching Supplies	88-3200	100xR oil DIN achromat objective, N.A. 1.25, W.D. 0.16mm	Accu-Scope	88-3200	Each	$107.00	4.0%	$102.72
Science Laboratory and Teaching Supplies	AU-HD-PS	Auxiliary power supply for Excelis HDS camera and monitor. Required for use with CAT# 410-MM and AU-600-HDS on EXI-410.	Accu-Scope	AU-HD-PS	Each	$34.00	4.0%	$32.64

Science Laboratory and Teaching Supplies	EXC-100	Binocular Microscope with Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/18mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN Achromat 4x, 10x, SP40xR and 100xR oil objectives Double-layer Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-100	Each	$716.00	4.0%	$687.36
Science Laboratory and Teaching Supplies	EXC-103	Same as EXC-100 wtih trinocular viewing head	Accu-Scope	EXC-103	Each	$760.00	4.0%	$729.60
Science Laboratory and Teaching Supplies	EXC-103-EC50	Trinocular Microscope with Excelis EC50 Camera Same as EXC-100 except with trinocular viewing head 0.5x camera adapter, Excelis EC50 5MP USB2.0 camera	Accu-Scope	EXC-103-EC50	Each	$1,395.00	4.0%	$1,339.20
Science Laboratory and Teaching Supplies	EXC-103-EP	Trinocular Microscope with ACCU-CAM 500 EP Eyepiece Camera Same as EXC-100 except with trinocular viewing head Phototube, ACCU-CAM 500 EP 5MP eyepiece camera	Accu-Scope	EXC-103-EP	Each	$1,075.00	4.0%	$1,032.00
Science Laboratory and Teaching Supplies	EXC-103-HD	Trinocular Microscope with Excelis HD Lite Camera Same as EXC-100 except with trinocular viewing head 0.5x camera adapter, Excelis HD Lite camera	Accu-Scope	EXC-103-HD	Each	$1,845.00	4.0%	$1,771.20
Science Laboratory and Teaching Supplies	EXC-103-HDS	Trinocular Microscope with Excelis HD Lite Camera & Monitor Same as EXC-100 except with trinocular viewing head 0.5x camera adapter, Excelis HD Lite camera and attachable monitor	Accu-Scope	EXC-103-HDS	Each	$2,395.00	4.0%	$2,299.20
Science Laboratory and Teaching Supplies	EXC-103-WIFI	Trinocular Microscope with ACCU-CAM WiFi Camera Same as EXC-100 except with trinocular viewing head 0.5x camera adapter, ACCU-CAM WiFi 5MP WiFi camera	Accu-Scope	EXC-103-WIFI	Each	$1,475.00	4.0%	$1,416.00
Science Laboratory and Teaching Supplies	EXC-120	Binocular Microscope with Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN 4x, 10x, SP40xR and 100xR oil objectives Rackless Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-120	Each	$994.00	4.0%	$954.24
Science Laboratory and Teaching Supplies	EXC-120-3	Binocular Microscope with 3 Objectives Same as CAT# EXC-120 except with only 4x, 10x & SP40xR objectives	Accu-Scope	EXC-120-3	Each	$935.00	4.0%	$897.60
Science Laboratory and Teaching Supplies	EXC-120-45	Binocular Microscope with Achromat Objectives Same as above except with 45° viewing head	Accu-Scope	EXC-120-45	Each	$994.00	4.0%	$954.24
Science Laboratory and Teaching Supplies	EXC-120-PH	Binocular Microscope with Turret Phase System Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN Plan Phase Achromat 10x, 20x, 40xR and 100xR oil objectives Rackless mechanical stage w/ low position coaxial controls Phase condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-120-PH	Each	$2,046.00	4.0%	$1,964.16

Science Laboratory and Teaching Supplies	EXC-120-PL	Binocular Microscope with Plan Achromat Objectives Binocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN Plan Achromat 4x, 10x, 40xR and 100xR oil objectives Rackless mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-120-PL	Each	$1,215.00	4.0%	$1,166.40
Science Laboratory and Teaching Supplies	EXC-121	Monocular Microscope with Achromat Objectives Monocular viewing head, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece with pointer Reversed quadruple nosepiece DIN 4x, 10x, SP40xR and 100xR oil objectives Rackless Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-121	Each	$735.00	4.0%	$705.60
Science Laboratory and Teaching Supplies	EXC-121-3	Monocular Microscope with 3 Objectives Same as above except with only 4x, 10x & SP40xR objectives	Accu-Scope	EXC-121-3	Each	$673.00	4.0%	$646.08
Science Laboratory and Teaching Supplies	EXC-121-PL	Monocular Microscope with Plan Achromat Objectives Same as above except with 4x, 10x, 40xR and 100xR plan achromat objectives	Accu-Scope	EXC-121-PL	Each	$1,012.00	4.0%	$971.52
Science Laboratory and Teaching Supplies	EXC-121-V	Monocular Microscope with Vertical Camera Port, Achromat Objectives Same as EXC-121 except with an inclined monocular viewing head, inclined 30°, rotatable 360°, and vertical camera port with photo tube (c-mount adapter sold separately, CAT# 2005-5M)	Accu-Scope	EXC-121-V	Each	$763.00	4.0%	$732.48
Science Laboratory and Teaching Supplies	EXC-121-V3	Monocular Microscope with Vertical Camera Port, Achromat Objectives Same as above except with only 4x, 10x and SP40xR objectives	Accu-Scope	EXC-121-V3	Each	$701.00	4.0%	$672.96
Science Laboratory and Teaching Supplies	EXC-121-VD	Digital Monocular Microscope with Vertical Port and Excelis HD Lite Camera Monocular viewing head, inclined 30°, rotatable 360° with vertical camera port, photo tube and 0.5x c-mount Excelis HD Lite camera (CAT# AU-300-HD) WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN 4x, 10x, SP40xR and 100xR oil objectives Rackless Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-121-VD	Each	$1,690.00	4.0%	$1,622.40
Science Laboratory and Teaching Supplies	EXC-121-VD3	Digital Monocular Microscope with Vertical port, 3 Objectives and Excelis HD Lite Camera Same as above except with only 4x, 10x and SP40xR objectives	Accu-Scope	EXC-121-VD3	Each	$1,628.00	4.0%	$1,562.88

Science Laboratory and Teaching Supplies	EXC-123	Trinocular Microscope with Achromat Objectives Trinocular viewing head and photo tube, inclined 30°, rotatable 360° WF10x/18.5mm eyepiece (paired - one w/pointer), diopter adjustment Reversed quadruple nosepiece DIN 4x, 10x, SP40xR and 100xR oil objectives Rackless Mechanical stage w/ low position coaxial controls Abbe condenser, N.A. 1.25 with iris diaphragm & filter holder Coaxial coarse and fine focusing controls Variable LED illuminator, UL Listed Dust cover, power cord and manual	Accu-Scope	EXC-123	Each	$1,197.00	4.0%	$1,149.12
Science Laboratory and Teaching Supplies	EXC-123-EC50	Digital Microscope with Achromat Objectives, USB camera Same as EXC-120 except with trinocular viewing head with photo tube Excelis EC50 USB2.0 camera (AU-EC50), 0.5x camera adapter	Accu-Scope	EXC-123-EC50	Each	$1,814.00	4.0%	$1,741.44
Science Laboratory and Teaching Supplies	EXC-123-HD	Digital Microscope with Achromat Objectives Same as EXC-120 except with trinocular viewing head with photo tube Excelis HD Lite camera (AU-300-HD), 0.5x camera adapter	Accu-Scope	EXC-123-HD	Each	$2,141.00	4.0%	$2,055.36
Science Laboratory and Teaching Supplies	EXC-123-HDS	Digital Microscope with Achromat Objectives Same as EXC-120 except with trinocular viewing head with photo tube Excelis HDS Lite camera (AU-300-HDS; includes 11.6" HD monitor, mountable to the camera), 0.5x camera adapter	Accu-Scope	EXC-123-HDS	Each	$2,734.00	4.0%	$2,624.64
Science Laboratory and Teaching Supplies	EXC-123-PH	Trinocular Microscope with Turret Phase System Same as EXC-120-PH except with trinocular viewing head and photo tube	Accu-Scope	EXC-123-PH	Each	$2,255.00	4.0%	$2,164.80
Science Laboratory and Teaching Supplies	EXC-123-PL	Trinocular Microscope with Plan Achromat Objectives Same as EXC-120-PL except with trinocular viewing head and photo tube	Accu-Scope	EXC-123-PL	Each	$1,439.00	4.0%	$1,381.44
Science Laboratory and Teaching Supplies	EXC-123-WIFI	Digital Microscope with Achromat Objectives Same as EXC-120 except with trinocular viewing head with photo tube ACCU-CAM WiFi camera (AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXC-123-WIFI	Each	$1,769.00	4.0%	$1,698.24
Science Laboratory and Teaching Supplies	EXC-350	Trinocular with Plan Objectives Trinocular viewing head, inclined 30°, rotatable 360° WF10x/20mm focusing eyepieces with eyeguards Reversed quintuple nosepiece Infinity corrected PLAN 4x, 10x, 40xR and 100xR oil objectives Mechanical stage with low position coaxial controls, right hand control N.A. 1.25 Abbe Condenser with iris diaphragm Coaxial coarse and fine focusing controls 3 watt variable LED with field iris and dust cover	Accu-Scope	EXC-350	Each	$2,311.00	4.0%	$2,218.56
Science Laboratory and Teaching Supplies	EXC-350-365	Trinocular with Plan Objectives & Integrated LED Fluorescence for DAPI/Calc. White Same as above except with integrated 365nm central wavelength	Accu-Scope	EXC-350-365	Each	$7,577.00	4.0%	$7,273.92
Science Laboratory and Teaching Supplies	EXC-350-40	Trinocular with Plan 10x/20x/40x Objectives Same as EXC-350 except without 100x objective	Accu-Scope	EXC-350-40	Each	$2,124.00	4.0%	$2,039.04
Science Laboratory and Teaching Supplies	EXC-350-455	Trinocular with Plan Objectives & Integrated LED Fluorescence for TB Same as above except with integrated 455nm central wavelength	Accu-Scope	EXC-350-455	Each	$6,600.00	4.0%	$6,336.00

Science Laboratory and Teaching Supplies	EXC-350-470	Trinocular with Plan Objectives & Integrated LED Fluorescence for FITC/GFP Trinocular viewing head, inclined 30°, rotatable 360° WF10x/20mm focusing eyepieces with eyeguards Integrated LED Fluorescence for FITC/GFP Reversed quintuple nosepiece Infinity corrected PLAN 4x, 10x, 40xR and 100xR oil objectives Mechanical stage with low position coaxial controls, right hand control N.A. 1.25 Abbe Condenser with iris diaphragm Coaxial coarse and fine focusing controls 3 watt variable LED with field iris and dust cover	Accu-Scope	EXC-350-470	Each	$5,526.00	4.0%	$5,304.96
Science Laboratory and Teaching Supplies	EXC-350-470LP	Trinocular with Plan Objectives & Integrated LED Fluorescence for FITC/GFP/Acridine Orange (Longpass Emission) Same as above except with integrated 470nm central wavelength and longpass emission filter for FITC/GFP/Acridine Orange with longpass emission filter	Accu-Scope	EXC-350-470LP	Each	$6,087.00	4.0%	$5,843.52
Science Laboratory and Teaching Supplies	EXC-350-560	Trinocular with Plan Objectives & Integrated LED Fluorescence for Texas Red Same as above except with integrated 560nm central wavelength	Accu-Scope	EXC-350-560	Each	$5,526.00	4.0%	$5,304.96
Science Laboratory and Teaching Supplies	EXC-350-PH	Trinocular with Turret Phase System Trinocular viewing head, inclined 30°, rotatable 360° WF10x/20mm focusing eyepieces with eyeguards Reversed quintuple nosepiece N.A. 1.25 Turret phase condenser - 10x, 20x, 40x, & 100x phase annuli and objectives, 550nm green filter and centering telescope Mechanical stage with low position coaxial controls, right hand control Coaxial coarse and fine focusing controls 3 watt variable LED with field iris and dust cover	Accu-Scope	EXC-350-PH	Each	$3,329.00	4.0%	$3,195.84
Science Laboratory and Teaching Supplies	EXC-350-PHDF	Trinocular with Turret Phase & Darkfield System Same as above except with N.A. 1.25 Turret Phase Condenser - 10x, 40x & 100x phase annuli and objectives (No 20x PH annuli or objective), BF and DF positions	Accu-Scope	EXC-350-PHDF	Each	$3,220.00	4.0%	$3,091.20
Science Laboratory and Teaching Supplies	EXC-350-SAPO	Trinocular with S-Plan Apo Objectives Same as EXC-350, but with S-Plan APO 4x, 10x, 40xR & 100xR oil	Accu-Scope	EXC-350-SAPO	Each	$5,443.00	4.0%	$5,225.28
Science Laboratory and Teaching Supplies	EXC-350-SPH	Trinocular with Slider Phase System Trinocular viewing head, inclined 30°, rotatable 360° WF10x/20mm focusing eyepieces with eyeguards Reversed quintuple nosepiece Infinity Corrected Plan phase contrast 10x and 40x objectives N.A. 1.25 Abbe condenser with (1) phase slider with 10x & 40x phase annuli and brightfield position and 550nm green filter Mechanical stage with low position coaxial controls, right hand control Coaxial coarse and fine focusing controls 3 watt variable LED with field iris and dust cover	Accu-Scope	EXC-350-SPH	Each	$2,442.00	4.0%	$2,344.32
Science Laboratory and Teaching Supplies	EXC-360	Trinocular with Plan Achromat Objectives Trinocular viewing head, inclined 30°, rotatable 360°; fixed light path split 50:50 PL10x/22mm focusable eyepieces with eye cushions; accepts 24mm reticle Plan Achromat 4x, 10x, 40xR, 100xR oil objectives Double layer, rackless mechanical stage with ceramic insert, low position right hand controls N.A. 1.25 Abbe Condenser with iris diaphragm; slot for phase contrast or darkfield sliders Coaxial coarse and fine focus controls 3 watt Variable LED with field iris 5v USB charging port for personal mobile device Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-360	Each	$2,368.00	4.0%	$2,273.28

Science Laboratory and Teaching Supplies	EXC-360-3	Trinocular with 3 Plan Achromat Objectives Same as EXC-360, except with only 4x, 10x, 40xR objectives	Accu-Scope	EXC-360-3	Each	$2,142.00	4.0%	$2,056.32
Science Laboratory and Teaching Supplies	EXC-360-3-BE	Ergo Binocular with 3 Plan Achromat Objectives Same as EXC-360-BE except with only 4x, 10x, 40xR objectives	Accu-Scope	EXC-360-3-BE	Each	$2,933.00	4.0%	$2,815.68
Science Laboratory and Teaching Supplies	EXC-360-470	Trinocular with Plan Achromat Objectives & Integrated LED Fluorescence for FITC/GFP Trinocular viewing head, inclined 30°, rotatable 360°; fixed light path split 50:50 PL10x/22mm focusable eyepieces with eye cushions; accepts 24mm reticle Integrated LED Fluorescence for FITC/GFP Plan Achromat 4x, 10x, 40xR, 100xR oil objectives Double layer, rackless mechanical stage with ceramic insert, low position right hand controls N.A. 1.25 Abbe Condenser with iris diaphragm; slot for phase contrast or darkfield sliders Coaxial coarse and fine focus controls 3 watt Variable LED with field iris 5v USB charging port for personal mobile device Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-360-470	Each	$5,567.00	4.0%	$5,344.32
Science Laboratory and Teaching Supplies	EXC-360-470-LP	Trinocular with Plan Achromat Objectives & Integrated LED Fluorescence for FITC/GFP/Acridine Orange (Longpass Emission) Same as above (EXC-360-470) except with integrated 470nm central wavelength and longpass emission filter for FITC/GFP/Acridine Orange	Accu-Scope	EXC-360-470-LP	Each	$6,144.00	4.0%	$5,898.24
Science Laboratory and Teaching Supplies	EXC-360-4K	Trinocular with 8MP 4K Excelis Camera Trinocular viewing head, inclined 30°, rotatable 360°; fixed light path split 50:50, and 0.65x c-mount Excelis 4K camera (CAT# AU-800-4K) PL10x/22mm focusable eyepieces with eye cushions; accepts 24mm reticle Plan Achromat 4x, 10x, 40xR, 100xR oil objectives Double layer, rackless mechanical stage with ceramic insert, low position right hand controls N.A. 1.25 Abbe Condenser with iris diaphragm; slot for phase contrast or darkfield sliders Coaxial coarse and fine focus controls 3 watt Variable LED with field iris 5v USB charging port for personal mobile device Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-360-4K	Each	$4,419.00	4.0%	$4,242.24
Science Laboratory and Teaching Supplies	EXC-360-BE	Ergo Binocular with Plan Achromat Objectives Same as EXC-360 except with ergo tilting binocular viewing head (5° to 35°)	Accu-Scope	EXC-360-BE	Each	$3,359.00	4.0%	$3,224.64
Science Laboratory and Teaching Supplies	EXC-360-BG	Trinocular with Infinity Plan Objectives & Integrated LED Fluorescence with FITC/GFP, Texas Red Filter Sets & BF Position Same as above except with FITC/GFP and Texas Red filter sets & BF position	Accu-Scope	EXC-360-BG	Each	$8,456.00	4.0%	$8,117.76
Science Laboratory and Teaching Supplies	EXC-360-BGU	Trinocular with Infinity Plan Objectives & Triple Wavelength Integrated LED Fluorescence With FITC, TRITC/Cy3 and UV/DAPI Filter Sets & BF Position Same as above except with FITC/GFP, TRITC/Cy3 and UV/DAPI Filter Sets & BF Position	Accu-Scope	EXC-360-BGU	Each	$11,346.00	4.0%	$10,892.16
Science Laboratory and Teaching Supplies	EXC-360-HD	Trinocular with 6MP Excelis HD Camera Same as above except with Excelis HD camera (CAT# AU-600-HD), 0.35x c-mount	Accu-Scope	EXC-360-HD	Each	$3,854.00	4.0%	$3,699.84
Science Laboratory and Teaching Supplies	EXC-360-HDS	Trinocular with 6MP Excelis HD Camera & Monitor Same as above except with Excelis HD camera (CAT# AU-600-HDS), 0.35x c-mount	Accu-Scope	EXC-360-HDS	Each	$4,419.00	4.0%	$4,242.24

Science Laboratory and Teaching Supplies	EXC-360-PATH	Trinocular with Plan Achromat 2x, 4x, 10x & 20x Objectives with Diffusing Filter Slider Trinocular viewing head, inclined 30°, rotatable 360°; fixed light path split 50:50 PL10x/22mm focusable eyepieces with eye cushions; accepts 24mm reticle Plan Achromat 2x, 4x, 10x & 20x objectives with diffusing filter slider Double layer, rackless mechanical stage with ceramic insert, low position right hand controls N.A. 1.25 Abbe Condenser with iris diaphragm; slot for phase contrast or darkfield sliders Coaxial coarse and fine focus controls 3 watt Variable LED with field iris 5v USB charging port for personal mobile device Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-360-PATH	Each	$2,368.00	4.0%	$2,273.28
Science Laboratory and Teaching Supplies	EXC-360-PATH-BE	Ergo Binocular with Plan Achromat 2x, 4x, 10x & 20x Objectives with Diffusing Filter Slider Same as above except with ergo tilting binocular viewing head (5° to 35°)	Accu-Scope	EXC-360-PATH-BE	Each	$3,359.00	4.0%	$3,224.64
Science Laboratory and Teaching Supplies	EXC-360-PH	Trinocular with Turret Phase Condenser & Plan Phase Objectives Trinocular viewing head, inclined 30°, rotatable 360°; fixed light path split 50:50 PL10x/22mm focusable eyepieces with eye cushions; accepts 24mm reticle Plan Phase 10x, 20x, 40xR, 100xR oil objectives Double layer, rackless mechanical stage with ceramic insert, low position right hand controls Turret phase contrast condenser with 10x, 20x, 40x and 100x phase annuli, BF position & centering telescope Coaxial coarse and fine focus controls 3 watt Variable LED with field iris 5v USB charging port for personal mobile device Dust cover, power cord, immersion oil and instruction manual	Accu-Scope	EXC-360-PH	Each	$3,895.00	4.0%	$3,739.20
Science Laboratory and Teaching Supplies	EXC-360-PHDF	Trinocular with Turret Phase Condenser & Plan Phase Objectives Same as above except with N.A. 1.25 Abbe turret phase condenser - 10x, 40x, 100x phase annuli and objectives (No 20x PH anuli or objective), BF & DF positions	Accu-Scope	EXC-360-PHDF	Each	$3,624.00	4.0%	$3,479.04
Science Laboratory and Teaching Supplies	EXC-360-SAPO	Trinocular with Plan S-Plan APO Objectives Same as EXC-360 except with S-Plan APO 4x, 10x, 40xR, 100xR oil objectives	Accu-Scope	EXC-360-SAPO	Each	$6,667.00	4.0%	$6,400.32
Science Laboratory and Teaching Supplies	EXC-360-SAPO-3	Trinocular with 3 Plan S-Plan APO Objectives Same as above except with only S-Plan APO 4x, 10x, 40xR objectives	Accu-Scope	EXC-360-SAPO-3	Each	$4,515.00	4.0%	$4,334.40
Science Laboratory and Teaching Supplies	EXC-360-SPH	Trinocular with Slider Phase 10x & 40x Same as above except with N.A. 1.25 Abbe condenser with phase slider with 10x & 40x objectives & phase annuli with BF position. Centering telescope is not included.	Accu-Scope	EXC-360-SPH	Each	$2,543.00	4.0%	$2,441.28
Science Laboratory and Teaching Supplies	EXC-400	Trinocular with Plan Objectives Trinocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusable eyepieces with eyeguards Reversed quintuple nosepiece Infinity plan achromat 4x, 10x, 40xR & 100xR oil objectives N.A 1.2 swing-out achromatic condenser Rackless mechanical stage, with low position coaxial controls, right hand control Coaxial focusing, variable 3w LED illumination with field iris, dust cover	Accu-Scope	EXC-400	Each	$4,402.00	4.0%	$4,225.92
Science Laboratory and Teaching Supplies	EXC-400-BE	Ergo Binocular with Plan Objectives Same as EXC-400, except with ergo tilting binocular viewing head (5° to 35°)	Accu-Scope	EXC-400-BE	Each	$5,125.00	4.0%	$4,920.00

Science Laboratory and Teaching Supplies	EXC-400-CYT	Trinocular with 3 Plan Objectives - Cytology Configuration Trinocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusable eyepieces with eyeguards Reversed quintuple nosepiece Infinity plan achromat 4x, 10x, 40xR objectives N.A 1.2 swing-out achromatic condenser Rackless mechanical stage, with low position coaxial controls, right hand control Coaxial focusing, variable 3w LED illumination with field iris, dust cover	Accu-Scope	EXC-400-CYT	Each	$4,090.00	4.0%	$3,926.40
Science Laboratory and Teaching Supplies	EXC-400-CYT-BE	Ergo Binocular with 3 Plan Objectives - Cytology Configuration Same as EXC-400-CYT, except with ergo tilting binocular viewing head (5° to 35°)	Accu-Scope	EXC-400-CYT-BE	Each	$4,805.00	4.0%	$4,612.80
Science Laboratory and Teaching Supplies	EXC-400-MB	EXC-400 Main Body EXC-400 Main body frame Quintuple nosepiece Coaxial coarse and fine focusing controls Koehler illumination - 3 watt variable illuminator Dust cover, power cord, instruction manual	Accu-Scope	EXC-400-MB	Each	$1,673.00	4.0%	$1,606.08
Science Laboratory and Teaching Supplies	EXC-400-MICRO	Trinocular with 50x oil - Microbiology Configuration Trinocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusable eyepieces with eyeguards Reversed quintuple nosepiece Infinity plan achromat 10x, 50xR & 100xR oil objectives N.A 1.2 swing-out achromatic condenser Rackless mechanical stage, with low position coaxial controls, right hand control Coaxial focusing, variable 3w LED illumination with field iris, dust cover	Accu-Scope	EXC-400-MICRO	Each	$4,872.00	4.0%	$4,677.12
Science Laboratory and Teaching Supplies	EXC-400-MICRO-BE	**Ergo Binocular with 50x oil - Microbiology Configuration Same as EXC-400-MICRO, except with ergo tilting binocular viewing head (5° to 35°)**	Accu-Scope	EXC-400-MICRO-BE	Each	$5,627.00	4.0%	$5,401.92
Science Laboratory and Teaching Supplies	EXC-400-PH	Trinocular with Turret Phase System Trinocular viewing head, inclined 30°, rotatable 360° WF10x/22mm focusing eyepieces with eyeguards Reversed quintuple nosepiece N.A. 1.2 Turret phase condenser - 10x, 20x, 40x, & 100x phase annuli and plan phase objectives, green filter and centering telescope New Rackless mechanical stage, with low position coaxial controls, right hand control Coaxial coarse and fine focusing controls 3 watt variable LED with field iris and dust cover	Accu-Scope	EXC-400-PH	Each	$5,801.00	4.0%	$5,568.96
Science Laboratory and Teaching Supplies	EXC-400-PHDF	Trinocular with Turret Phase and Darkfield Systems Same as above except with N.A. 1.25 Turret Phase Condenser - 10x, 40x & 100x phase annuli and objectives, BF and DF positions	Accu-Scope	EXC-400-PHDF	Each	$5,690.00	4.0%	$5,462.40
Science Laboratory and Teaching Supplies	EXC-400-SAPO	Trinocular with Plan S-APO Objectives Same as EXC-400, but with Plan S-APO 4x, 10x, 40xR, 100xR objectives	Accu-Scope	EXC-400-SAPO	Each	$7,222.00	4.0%	$6,933.12
Science Laboratory and Teaching Supplies	EXC-400-SAPO-3	Trinocular with three Plan S-APO Objectives Same as EXC-400, but with Plan S-APO 4x, 10x, 40xR	Accu-Scope	EXC-400-SAPO-3	Each	$4,967.00	4.0%	$4,768.32
Science Laboratory and Teaching Supplies	EXC-500	Binocular with NIS Infinity Plan Objectives Binocular viewing head, inclined 30°, IPD 47 - 78mm, rotatable 360° WF 10x/22mm focusing eyepieces with eyeguards Reversed sextuple nosepiece NIS Infinity Corrected PLAN 4x, 10x, 40xR & 100xR oil objectives Hard coat mechanical stage, tension adjustable controls N.A. 0.9 Abbe Condenser with iris diaphragm Coaxial coarse and fine focusing controls Koehler illumination - 3 watt variable S-LED illuminator Dust cover, power cord, instruction manual, UL Approved	Accu-Scope	EXC-500	Each	$6,559.00	4.0%	$6,296.64

Science Laboratory and Teaching Supplies	EXC-500-BE	Ergo Binocular with NIS Infinity Plan Objectives Same as EXC-500 except with Ergo tilting binocular viewing head, 5° to 35°, IPD 47 - 78mm, rotatable 360°	Accu-Scope	EXC-500-BE	Each	$6,995.00	4.0%	$6,715.20
Science Laboratory and Teaching Supplies	EXC-500-CYT	Ergo Binocular with NIS 4x/10x/40x Infinity Plan Objectives Same as EXC-500-BE except with Plan Achromat 4x, 10x and 40x objectives	Accu-Scope	EXC-500-CYT	Each	$6,495.00	4.0%	$6,235.20
Science Laboratory and Teaching Supplies	EXC-500-MICRO	Ergo Binocular with NIS 10x/50x/100x Infinity Plan Objectives Same as EXC-500-BE except with Plan Achromat 10x, 50xR oil and 100xR oil objectives	Accu-Scope	EXC-500-MICRO	Each	$7,597.00	4.0%	$7,293.12
Science Laboratory and Teaching Supplies	EXC-500-T	Trinocular with NIS Infinity Plan Objectives Trinocular viewing head, inclined 30°, IPD 47 - 78mm, rotatable 360° Viewing split: 100% T / 0% B; 20% T / 80% B; and 0% T / 100% B WF 10x/22mm focusing eyepieces with eyeguards Reversed sextuple nosepiece NIS Infinity Corrected PLAN 4x, 10x, 40xR & 100xR oil objectives Hard coat mechanical stage, tension adjustable controls N.A. 0.9 Abbe Condenser with iris diaphragm Coaxial coarse and fine focusing controls Koehler illumination - 3 watt variable S-LED illuminator Dust cover, power cord, instruction manual, UL Approved	Accu-Scope	EXC-500-T	Each	$6,695.00	4.0%	$6,427.20
Science Laboratory and Teaching Supplies	EXC-500-TE	Ergo Trinocular with NIS Infinity Plan Objectives Same as EXC-500-T except with Ergo Trinocular viewing head, adjustable 0° to 35°, IPD 47 - 78mm, rotatable 360°	Accu-Scope	EXC-500-TE	Each	$8,095.00	4.0%	$7,771.20
Science Laboratory and Teaching Supplies	EXI-310-FL	EXI-310 Trinocular with Epi-Fluorescence Attachment (no illuminator) Trinocular viewing head, inclined 45°, light distribution binocular 100% or trinocular tube 100% WF10x/22mm eyepieces with roll down eyeguards Side facing quintuple nosepiece Objectives not included - must be ordered separately Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 72mm Variable 5 watt LED illuminator Dust cover, power cord, Universal power supply 100 - 240v Fluorescence attachment with field iris, filter slider, with 3 position filter slider 2 filter positions, 1 BF position, UV protection plate Objectives, filter sets and fluorescence illuminator must be ordered separately	Accu-Scope	EXI-310-FL	Each	$4,595.00	4.0%	$4,411.20
Science Laboratory and Teaching Supplies	EXI-310-FL3	EXI-310 Trinocular with Epi-Fluorescence Attachment (no illuminator) Same as EXI-310-FL except with 4 position filter slider, 3 filter positions, 1 BF position. Objectives, filter sets and fluorescence illuminator must be ordered separately	Accu-Scope	EXI-310-FL3	Each	$4,795.00	4.0%	$4,603.20
Science Laboratory and Teaching Supplies	EXI-310-PH	EXI-310 Trinocular with Plan Phase Objectives Trinocular viewing head, inclined 45°, light distribution binocular 100% or binocular/trinocular tube 80%/20% WF10x/22mm eyepieces with roll down eyeguards Side facing quintuple nosepiece Infinity Corrected Plan Achromat 4x, Plan Phase 10x & 20x objectives Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 72mm Phase slider with 4x/10x, 20x/40x phase annulli, and open position Phase centering telescope Variable 5 watt LED illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-310-PH	Each	$3,706.00	4.0%	$3,557.76

Science Laboratory and Teaching Supplies	EXI-310-PL	EXI-310 Trinocular Microscope with Plan Achromat Objectives Trinocular viewing head, inclined 45°, light distribution binocular 100% or binocular/trinocular tube 80%/20% WF10x/22mm eyepieces with roll down eyeguards Side facing quintuple nosepiece Infinity Corrected Plan Achromat 4x, 10x & 20x objectives Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 72mm Variable 5 watt LED illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-310-PL	Each	$3,695.00	4.0%	$3,547.20
Science Laboratory and Teaching Supplies	EXI-410-FL	EXI-410 Binocular with Fluorescence Attachment Binocular viewing head, inclined 45°, attachable side mounted camera port, Eyepiece/Camera Port: 100/0 or 0/100 WF10x/22mm eyepieces with eye cushions Rear facing quintuple nosepiece Objectives, filter sets, LED Episcopic components and contrast sliders not included - must be ordered separately Epi-fluorescence illumination configurable with up to 3 different fluorescence LED units. Epi-fluorescence filter turret with 3 filter cube positions Contrast shield for enhanced fluorescence illlumination Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 75mm Variable LED diascopic illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-410-FL	Each	$6,095.00	4.0%	$5,851.20
Science Laboratory and Teaching Supplies	EXI-410-FL-470	EXI-410 Binocular with Plan Phase Objectives & FITC/GFP Fluorescence Binocular viewing head, inclined 45°, attachable side mounted camera port, Eyepiece/Camera Port: 100/0 or 0/100 WF10x/22mm eyepieces with eye cushions Rear facing quintuple nosepiece Infinity Corrected Plan 4x, Plan Phase 10x & 20x objectives Phase Slider with 10x/20x/40x phase annulli, phase centering telescope FITC/GFP filter set for EXI-410 Series, EX: 470/40x, BS: 505DC, EM: 535/50m Additional Objectives, and filter sets, LED Episcopic components can be added (up to two additional) Epi-fluorescence illumination configurable with up to 3 different fluorescence LED units. Epi-fluorescence filter turret with 3 filter cube positions Contrast shield for enhanced fluorescence illlumination Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 75mm Variable LED diascopic illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-410-FL-470	Each	$9,077.00	4.0%	$8,713.92

Science Laboratory and Teaching Supplies	EXI-410-FL-470-HDS	EXI-410 Binocular with Plan Phase Objs, FITC/GFP Fluorescence with Excelis HDS Camera & Monitor Binocular viewing head, inclined 45°, attachable side mounted camera port, Eyepiece/Camera Port: 100/0 or 0/100 Excelis AU-600-HDS 6MP HD camera with screen, mounting adapters and 0.5x c-mount WF10x/22mm eyepieces with eye cushions Rear facing quintuple nosepiece Infinity Corrected Plan 4x, Plan Phase 10x & 20x objectives Phase Slider with 10x/20x/40x phase annulli, phase centering telescope FITC/GFP filter set for EXI-410 Series, EX: 470/40x, BS: 505DC, EM: 535/50m Additional Objectives, and filter sets, LED Episcopic components can be added (up to two additional) Epi-fluorescence illumination configurable with up to 3 different fluorescence LED units. Epi-fluorescence filter turret with 3 filter cube positions Contrast shield for enhanced fluorescence illlumination Fixed plain stage, 160 x 250mm with glass insert plate ELWD condenser, N.A. 0.3, Working Distance = 75mm Variable LED diascopic illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-410-FL-470-HDS	Each	$12,125.00	4.0%	$11,640.00
Science Laboratory and Teaching Supplies	EXI-410-PH	EXI-410 Binocular with Plan Phase Objectives Binocular viewing head, inclined 45°, attachable side mounted camera port, Eyepiece/Camera Port: 100/0 or 0/100 WF10x/22mm eyepieces with eye cushions Rear facing quintuple nosepiece Infinity Corrected Plan 4x, Plan Phase 10x & 20x objectives Fixed plain stage, 170 x 250mm with glass insert plate - O.D 310mm, I.D. Ø30mm ELWD condenser, N.A. 0.3, Working Distance = 75mm Phase slider with 10x/20x/40x phase annulli Centering telescope Variable LED diascopic illuminator Dust cover, power cord, Universal power supply 100 - 240v	Accu-Scope	EXI-410-PH	Each	$4,995.00	4.0%	$4,795.20
Science Laboratory and Teaching Supplies	EXM-150	Monocular Microscope with Disc Diaphragm - LED Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Flat top stage with stage clips, disc diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150	Each	$384.00	4.0%	$368.64
Science Laboratory and Teaching Supplies	EXM-150-EP	Digital Monocular Microscope with 5MP Eyepiece Camera, Disc Diaphragm - LED Monocular viewing head, inclined 45°, rotatable 360° 5MP Digital Eyepiece Camera (CAT# AU-500-EP) with USB 3.0 output, ACCU-View Software WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Flat top stage with stage clips, disc diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150-EP	Each	$564.00	4.0%	$541.44
Science Laboratory and Teaching Supplies	EXM-150-I	Monocular Microscope with Iris Diaphragm - LED Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Flat top stage with stage clips, iris diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150-I	Each	$402.00	4.0%	$385.92

Science Laboratory and Teaching Supplies	EXM-150-I-DF	Monocular Microscope with Iris Diaphragm with Darkfield Annulus Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Flat top stage with stage clips, iris diaphragm & swing in darkfield annulus Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150-I-DF	Each	$452.00	4.0%	$433.92
Science Laboratory and Teaching Supplies	EXM-150-IT	Dual Viewing Teaching Head Microscope with Iris Diaphragm - LED Same as above except with dual inclined teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-IT	Each	$536.00	4.0%	$514.56
Science Laboratory and Teaching Supplies	EXM-150-IVT	Dual Viewing Vertical Teaching Head Microscope with Iris Diaphragm - LED Same as above except with dual inclined vertical teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-IVT	Each	$536.00	4.0%	$514.56
Science Laboratory and Teaching Supplies	EXM-150-MS	Monocular Microscope with Mechanical Stage (low position) - LED Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Mechanical stage with low position coaxial controls N.A. 0.65 Abbe condenser on spiral mount with iris diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150-MS	Each	$451.00	4.0%	$432.96
Science Laboratory and Teaching Supplies	EXM-150-MS-DF	Monocular Microscope with Mechanical Stage and Darkfield Annulus Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Mechanical stage with low-position coaxial controls N.A. 0.65 Abbe condenser on a spiral mount with iris diaphragm and swing-in darkfield annulus Separate coarse and fine-focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-150-MS-DF	Each	$502.00	4.0%	$481.92
Science Laboratory and Teaching Supplies	EXM-150-MST	Dual-viewing Teaching Head with Mechanical Stage - LED Same as above except with dual inclined teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-MST	Each	$586.00	4.0%	$562.56
Science Laboratory and Teaching Supplies	EXM-150-MSVT	Dual-viewing Vertical Teaching Head with Mechanical Stage - LED Same as above except with dual inclined vertical teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-MSVT	Each	$586.00	4.0%	$562.56
Science Laboratory and Teaching Supplies	EXM-150-T	Dual-viewing Teaching Head with Disc Diaphragm - LED Same as above except with dual inclined teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-T	Each	$518.00	4.0%	$497.28
Science Laboratory and Teaching Supplies	EXM-150-T-EP	Digital Microscope with Dual Inclined Teaching Head, 5MP Eyepiece Camera Same as CAT# EXM-150-T with 5MP Eyepiece Camera (CAT# AU-500-EP)	Accu-Scope	EXM-150-T-EP	Each	$704.00	4.0%	$675.84
Science Laboratory and Teaching Supplies	EXM-150-T-WIFI	Digital Microscope with Dual Inclined Teaching Head, 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-150-T with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-150-T-WIFI	Each	$1,159.00	4.0%	$1,112.64

Science Laboratory and Teaching Supplies	EXM-150-VT	Dual-viewing Vertical Teaching Head with Disc Diaphragm - LED Same as above except with dual inclined vertical teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-150-VT	Each	$518.00	4.0%	$497.28
Science Laboratory and Teaching Supplies	EXM-150-VT-EP	Digital Microscope with Inclined/Vertical Teaching Head, 5MP Eyepiece Camera Same as CAT# EXM-150-VT with 5MP Eyepiece Camera (CAT# AU-500-EP)	Accu-Scope	EXM-150-VT-EP	Each	$704.00	4.0%	$675.84
Science Laboratory and Teaching Supplies	EXM-150-VT-WIFI	Digital Microscope with Inclined/Vertical Teaching Head, 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-150-VT with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-150-VT-WIFI	Each	$1,159.00	4.0%	$1,112.64
Science Laboratory and Teaching Supplies	EXM-150-WIFI	Digital Monocular Microscope with 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-150 with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-150-WIFI	Each	$1,023.00	4.0%	$982.08
Science Laboratory and Teaching Supplies	EXM-151	Monocular Microscope with Mechanical Stage & 100x - LED Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer DIN 4x, 10x, 40xR and 100xR oil objectives, quadruple nosepiece Mechanical stage with low position coaxial controls N.A. 1.25 Abbe condenser on spiral mount with iris diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-151	Each	$590.00	4.0%	$566.40
Science Laboratory and Teaching Supplies	EXM-151-EP	Digital Monocular Microscope with 100x, 5MP Eyepiece Camera Monocular viewing head, inclined 45°, rotatable 360° 5MP Digital Eyepiece Camera with USB 3.0 output, ACCU-VIEW Software WF10x/18mm eyepiece with pointer DIN 4x, 10x, 40xR and 100xR oil objectives, quadruple nosepiece Mechanical stage with low position coaxial controls N.A. 1.25 Abbe condenser on spiral mount with iris diaphragm Separate coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours, 3500mAh NI rechargeable battery	Accu-Scope	EXM-151-EP	Each	$777.00	4.0%	$745.92
Science Laboratory and Teaching Supplies	EXM-151-T	Dual-Viewing Teaching Head Microscope with Mechanical Stage & 100x - LED Same as above except with dual inclined teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-151-T	Each	$725.00	4.0%	$696.00
Science Laboratory and Teaching Supplies	EXM-151-T-EP	Digital Microscope with Dual Inclined Teaching Head, 5MP Eyepiece Camera Same as CAT# EXM-151-T with 5MP Eyepiece Camera (CAT# AU-500-EP)	Accu-Scope	EXM-151-T-EP	Each	$911.00	4.0%	$874.56
Science Laboratory and Teaching Supplies	EXM-151-T-WIFI	Digital Microscope with Dual Inclined Teaching Head with 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-151-T with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-151-T-WIFI	Each	$1,364.00	4.0%	$1,309.44
Science Laboratory and Teaching Supplies	EXM-151-VT	Dual-Viewing Vertical Teaching Head Microscope with Mechanical Stage & 100x - LED Same as above except with dual inclined vertical teaching head, rotatable 360°, (2) WF10x/18mm eyepieces (one with pointer)	Accu-Scope	EXM-151-VT	Each	$725.00	4.0%	$696.00
Science Laboratory and Teaching Supplies	EXM-151-VT-EP	Digital Microscope with Inclined/Vertical Teaching Head, 5MP Eyepiece Camera Same as CAT# EXM-151-VT with 5MP eyepiece camera (CAT# AU-500-EP)	Accu-Scope	EXM-151-VT-EP	Each	$911.00	4.0%	$874.56
Science Laboratory and Teaching Supplies	EXM-151-VT-WIFI	Digital Microscope with Inclined/Vertical Teaching Head with 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-151-VT with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-151-VT-WIFI	Each	$1,364.00	4.0%	$1,309.44

Science Laboratory and Teaching Supplies	EXM-151-WIFI	Digital Microscope Monocular Microscope with 5MP ACCU-CAM WiFi Camera Same as CAT# EXM-151 with 5MP ACCU-CAM WiFi camera (CAT# AU-AC-WIFI), 0.5x camera adapter	Accu-Scope	EXM-151-WIFI	Each	$1,230.00	4.0%	$1,180.80
Science Laboratory and Teaching Supplies	EXM-50	ACCU-SCOPE Edu Monocular Microscope with Disc Diaphragm - LED Monocular viewing head, inclined 45°, rotatable 360° WF10x/18mm eyepiece with pointer Reversed three-hole nosepiece DIN 4x, 10x and 40xR objectives Flat top stage with stage clips, single push control, disc diaphragm Coarse and fine focusing controls Variable LED illuminator rated for 20,000 hours; accepts 3 AA batteries (included) for cordless operation	Accu-Scope	EXM-50	Each	$187.00	4.0%	$179.52
Science Laboratory and Teaching Supplies	EXS-210-12	Stereo Microscope with 1x and 2x objectives Binocular viewing head, inclined 45°, rotatable 360° WF10x/20mm eyepieces with eyeguards 1x and 2x objective magnifications Frosted glass and black & white plates, dust cover Variable reflected and transmitted rechargeable LED illumination for both corded and cordless operation	Accu-Scope	EXS-210-12	Each	$355.00	4.0%	$340.80
Science Laboratory and Teaching Supplies	EXS-210-123	Stereo Microscope with 1x, 2x and 3x objectives Binocular viewing head, inclined 45°, rotatable 360° WF10x/20mm eyepieces with eyeguards 1x, 2x and 3x objective magnifications Frosted glass and black & white plates, dust cover Variable reflected and transmitted rechargeable LED illumination for both corded and cordless operation	Accu-Scope	EXS-210-123	Each	$415.00	4.0%	$398.40
Science Laboratory and Teaching Supplies	EXS-210-124	Stereo Microscope with 1x, 2x and 4x objectives Binocular viewing head, inclined 45°, rotatable 360° WF10x/20mm eyepieces with eyeguards 1x, 2x and 4x objective magnifications Frosted glass and black & white plates, dust cover Variable reflected and transmitted rechargeable LED illumination for both corded and cordless operation	Accu-Scope	EXS-210-124	Each	$415.00	4.0%	$398.40
Science Laboratory and Teaching Supplies	EXS-210-13	Stereo Microscope with 1x and 3x objectives Binocular viewing head, inclined 45°, rotatable 360° WF10x/20mm eyepieces with eyeguards 1x and 3x objective magnifications Frosted glass and black & white plates, dust cover Variable reflected and transmitted rechargeable LED illumination for both corded and cordless operation	Accu-Scope	EXS-210-13	Each	$355.00	4.0%	$340.80
Science Laboratory and Teaching Supplies	EXS-210-24	Stereo Microscope with 2x and 4x objectives Binocular viewing head, inclined 45°, rotatable 360° WF10x/20mm eyepieces with eyeguards 2x and 4x objective magnifications Frosted glass and black & white plates, dust cover Variable reflected and transmitted rechargeable LED illumination for both corded and cordless operation	Accu-Scope	EXS-210-24	Each	$355.00	4.0%	$340.80
Science Laboratory and Teaching Supplies	LC-3231-DT	Dovetail adapters (set of 2) for Leica DM500/DM750 microscopes.	Accu-Scope	LC-3231-DT	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	LC-3231-DT1	Dovetail adapters (set of 2) for Leica upright microscopes (except DM500/DM750).	Accu-Scope	LC-3231-DT1	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	N200-3175-PL	40xR Infinity plan achromat objective for Nikon® E-200, N.A. 0.65, W.D. 0.60mm	Accu-Scope	N200-3175-PL	Each	$321.00	4.0%	$308.16
Science Laboratory and Teaching Supplies	N200-3176-PL	100xR Infinity plan achromat objective for Nikon® E-200, N.A. 1.25, W.D. 0.20mm	Accu-Scope	N200-3176-PL	Each	$413.00	4.0%	$396.48
Science Laboratory and Teaching Supplies	O-2005-35	0.35x c-mount adapter for 1/3" chip sensors, focus adjustable	Accu-Scope	O-2005-35	Each	$334.00	4.0%	$320.64
Science Laboratory and Teaching Supplies	O-2005-5	0.50x c-mount adapter for 1/2" chip sensors, focus adjustable	Accu-Scope	O-2005-5	Each	$334.00	4.0%	$320.64
Science Laboratory and Teaching Supplies	O-2005-63	0.63x c-mount adapter for 2/3" chip sensors, focus adjustable	Accu-Scope	O-2005-63	Each	$351.00	4.0%	$336.96
Science Laboratory and Teaching Supplies	ZS-3231-DT	Dovetail adapters (set of 2) for Zeiss Axiolab and Axioscope microscopes.	Accu-Scope	ZS-3231-DT	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	ZS-3231-DT1	Dovetail adapters (set of 2) for Zeiss Primostar (Gen 1) microscopes.	Accu-Scope	ZS-3231-DT1	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	ZS-3231-DT3	Dovetail adapters (set of 2) for Zeiss Primostar 3 microscopes.	Accu-Scope	ZS-3231-DT3	Each	$292.00	4.0%	$280.32
Science Laboratory and Teaching Supplies	AU-800-4K	Excelis 4K, 4K output, 30 fps, USB 3.0, Ethernet Output	Accu-Scope	AU-800-4K	Each	$1,797.00	4.0%	$1,725.12
Science Laboratory and Teaching Supplies	AU-800-4KS	Excelis 4K Camera with integrated 13.3" OLED 4K Monitor, 30fps, USB 3.0, Ethernet Output	Accu-Scope	AU-800-4KS	Each	$2,428.00	4.0%	$2,330.88

Science Laboratory and Teaching Supplies	AU-600-HD	Excelis 1080P HD, 60 fps USB 2.0 Output, SD Card	Accu-Scope	AU-600-HD	Each	$1,267.00	4.0%	$1,216.32
Science Laboratory and Teaching Supplies	AU-600-HDS	Excelis 1080P HD Camera with integrated 11.6" HD monitor, 60 fps, USB 2.0, SD Card	Accu-Scope	AU-600-HDS	Each	$1,797.00	4.0%	$1,725.12
Science Laboratory and Teaching Supplies	AU-300-HD	Excelis 1080P HD, 30 fps USB 2.0 Output, SD Card	Accu-Scope	AU-300-HD	Each	$737.00	4.0%	$707.52
Science Laboratory and Teaching Supplies	AU-300-HDS	Excelis 1080P HD Camera with integrated 11.6" HD monitor, 30 fps, USB 2.0, SD Card	Accu-Scope	AU-300-HDS	Each	$1,267.00	4.0%	$1,216.32
Science Laboratory and Teaching Supplies	AU-HD-PS	Auxiliarly power suppy for Excelis HDS camera and monitor. Required for use with CAT# 410-MM and AU-600-HDS on EXI-410.	Accu-Scope	AU-HD-PS	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	AU-EC50	Excelis EC50 5MP Color Camera, Captavision+ software, 29fps, Rolling shutter, USB 2.0	Accu-Scope	AU-EC50	Each	$381.00	4.0%	$365.76
Science Laboratory and Teaching Supplies	AU-5C-CMOS	ExcelisMPX-5C Pro 5MP Color Camera, Captavision+ software, 35fps, Global Shutter	Accu-Scope	AU-5C-CMOS	Each	$1,903.00	4.0%	$1,826.88
Science Laboratory and Teaching Supplies	AU-20C-CMOS	ExcelisMPX-20C Pro 20MP Color Camera, Captavision+ software, 15fps at full resolution, 53fps at half resolution	Accu-Scope	AU-20C-CMOS	Each	$1,267.00	4.0%	$1,216.32
Science Laboratory and Teaching Supplies	AU-SKYE-WIFI3	12 MP CMOS Color Microscopy Camera 5.0 GHz WiFi / USB 2.0 / Ethernet Switchable HDMI-out port 30fps at full resolution Simultaneously view live images on up to 13 computers, tablets/cell phones	Accu-Scope	AU-SKYE-WIFI3	Each	$1,006.00	4.0%	$965.76
Science Laboratory and Teaching Supplies	AU-AC-WIFI	2.0 MP Color CMOS WiFi / USB 2.0 2.4GHZ WiFi 50fps	Accu-Scope	AU-AC-WIFI	Each	$423.00	4.0%	$406.08
Science Laboratory and Teaching Supplies	AU-500-EP	5.1 MP CMOS Color Eyepiece Camera USB 2.0 Mini Cable	Accu-Scope	AU-500-EP	Each	$169.00	4.0%	$162.24
Science Laboratory and Teaching Supplies	i8-LM00-02M	1.7 MP CMOS Monochrome / USB 3.0	Accu-Scope	i8-LM00-02M	Each	$2,230.00	4.0%	$2,140.80
Science Laboratory and Teaching Supplies	i8-LC00-03M	2.9MP CMOS Color / USB 3.0	Accu-Scope	i8-LC00-03M	Each	$3,675.00	4.0%	$3,528.00
Science Laboratory and Teaching Supplies	i8-LM00-03M	2.9MP CMOS Monochrome / USB 3.0	Accu-Scope	i8-LM00-03M	Each	$3,675.00	4.0%	$3,528.00
Science Laboratory and Teaching Supplies	i8-LC00-08M	8.3 MP CMOS Color / USB 3.0	Accu-Scope	i8-LC00-08M	Each	$1,890.00	4.0%	$1,814.40
Science Laboratory and Teaching Supplies	i8-LM00-08M	8.3 MP CMOS Monochrome / USB 3.0	Accu-Scope	i8-LM00-08M	Each	$1,890.00	4.0%	$1,814.40
Science Laboratory and Teaching Supplies	i8-LC00-09M	8.9MP (4K) CMOS Color / USB 3.0	Accu-Scope	i8-LC00-09M	Each	$4,995.00	4.0%	$4,795.20
Science Laboratory and Teaching Supplies	i8-LM00-09M	8.9MP (4K) CMOS Monochrome / USB 3.0	Accu-Scope	i8-LM00-09M	Each	$4,995.00	4.0%	$4,795.20
Science Laboratory and Teaching Supplies	LA4000PAFL	Gpio cables for i8-lm00-02m Lumenera 8-2m	Accu-Scope	LA4000PAFL	Each	$87.00	4.0%	$83.52
Science Laboratory and Teaching Supplies	AU-320C-CMOS	3.2 MP CMOS Color / HDMI or USB 3.0	Accu-Scope	AU-320C-CMOS	Each	$3,900.00	4.0%	$3,744.00
Science Laboratory and Teaching Supplies	AU-320M-CMOS	3.2 MP CMOS Monochrome / HDMI or USB 3.0	Accu-Scope	AU-320M-CMOS	Each	$4,875.00	4.0%	$4,680.00
Science Laboratory and Teaching Supplies	AU-510C-CMOS	5.1 MP CMOS Color / HDMI or USB 3.0	Accu-Scope	AU-510C-CMOS	Each	$4,475.00	4.0%	$4,296.00
Science Laboratory and Teaching Supplies	AU-510M-CMOS	5.1 MP CMOS Monochrome / HDMI or USB 3.0	Accu-Scope	AU-510M-CMOS	Each	$4,475.00	4.0%	$4,296.00
Science Laboratory and Teaching Supplies	LA050315	5v DC, 3A, 15w power supply for Lumenera Cameras	Accu-Scope	LA050315	Each	$47.00	4.0%	$45.12
Science Laboratory and Teaching Supplies	3145	Stage micrometer, 1mm/100 division (each division .01mm)	Unitron	3145	Each	$29.00	4.0%	$27.84
Science Laboratory and Teaching Supplies	5038	0.50x high resolution c-mount adapter	Unitron	5038	Each	$933.00	4.0%	$895.68
Science Laboratory and Teaching Supplies	5041	0.67x high resolution c-mount adapter	Unitron	5041	Each	$933.00	4.0%	$895.68
Science Laboratory and Teaching Supplies	5046	0.30x c-mount adapter for use with 1/3" CCD/CMOS cameras	Unitron	5046	Each	$595.00	4.0%	$571.20
Science Laboratory and Teaching Supplies	5063	0.70x c-mount adapter for use with 2/3" CCD/CMOS cameras	Unitron	5063	Each	$595.00	4.0%	$571.20
Science Laboratory and Teaching Supplies	11140	Z10 Binocular Zoom Stereo Microscope, 8x to 80x magnification Binocular viewing head, inclined at 20°, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Z10 Zoom Stereo Microscope; 0.8x to 8x zoom range, 10:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11140	Each	$4,245.00	4.0%	$4,075.20

Science Laboratory and Teaching Supplies	11145	Z8 Binocular Zoom Stereo Microscope, 8x to 64x magnification Binocular viewing head, inclined at 20°, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Z8 Zoom Stereo Microscope; 0.8x to 6.4x zoom range, 8:1 zoom ratio, 360º rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11145	Each	$3,392.00	4.0%	$3,256.32
Science Laboratory and Teaching Supplies	11150	Z6 Binocular Zoom Stereo Microscope, 8x to 50x Magnification Binocular viewing head, inclined at 20°, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle Z6 Zoom Stereo Microscope; 0.8x to 5.0x zoom range, 6:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11150	Each	$3,073.00	4.0%	$2,950.08
Science Laboratory and Teaching Supplies	13100	Binocular Zoom Stereo Microscope on Plain Focusing Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45°, 115 mm working distance, interpupillary distance adj. 52-75mm, fixed glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Plain focusing stand with 125mm black and white stage plate Dust cover and instruction manual	Unitron	13100	Each	$1,418.00	4.0%	$1,361.28
Science Laboratory and Teaching Supplies	13101	Binocular Zoom Stereo on LED Incident & Transmitted Focusing Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm, fixed glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident (12v/2w) and transmitted (12v4w) focusing stand with stage clips, universal power supply Frosted, clear glass, black & white stage plates, dust cover and manual	Unitron	13101	Each	$1,773.00	4.0%	$1,702.08
Science Laboratory and Teaching Supplies	13104	Binocular Zoom Stereo Microscope on Pole Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm, fixed glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Pole stand with rack and pinion focusing arm Dust cover, 125mm black & white stage plate, instruction manual	Unitron	13104	Each	$1,418.00	4.0%	$1,361.28
Science Laboratory and Teaching Supplies	13105	Binocular Zoom Stereo Microscope on Boom Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, boom stand, dust cover and manual	Unitron	13105	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	13106	Binocular Zoom Stereo Microscope on Ball Bearing Boom Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, ball bearing boom stand Dust cover and instruction manual	Unitron	13106	Each	$1,863.00	4.0%	$1,788.48

Science Laboratory and Teaching Supplies	13108	Binocular Zoom Stereo Microscope on E-LED Stand Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm, fixed glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident and transmitted focusing stand with stage clips, universal power supply Dust cover and instruction manual	Unitron	13108	Each	$1,490.00	4.0%	$1,430.40
Science Laboratory and Teaching Supplies	13130	Trinocular Zoom Stereo Microscope on Plain Focusing Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13130	Each	$1,634.00	4.0%	$1,568.64
Science Laboratory and Teaching Supplies	13131	Trinocular Zoom Stereo Microscope on LED Incident & Transmitted Focusing Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13131	Each	$1,990.00	4.0%	$1,910.40
Science Laboratory and Teaching Supplies	13134	Trinocular Zoom Stereo Microscope on Pole Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13134	Each	$1,634.00	4.0%	$1,568.64
Science Laboratory and Teaching Supplies	13135	Trinocular Zoom Stereo Microscope on Boom Stand Trinocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, boom stand, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13135	Each	$1,897.00	4.0%	$1,821.12
Science Laboratory and Teaching Supplies	13136	Trinocular Zoom Stereo Microscope on Ball Bearing Boom Stand Trinocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, ball bearing stand, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13136	Each	$2,081.00	4.0%	$1,997.76
Science Laboratory and Teaching Supplies	13137	Trinocular Zoom Stereo Microscope on Flex Arm Stand Trinocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, flexible articulating arm stand with c-clamp mount, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13137	Each	$2,147.00	4.0%	$2,061.12
Science Laboratory and Teaching Supplies	13138	Trinocular Zoom Stereo Microscope on E-LED Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13138	Each	$1,708.00	4.0%	$1,639.68
Science Laboratory and Teaching Supplies	13200	Binocular Zoom Stereo Microscope on Plain Focusing Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Plain focusing stand with 125mm black and white stage plate Dust cover and manual	Unitron	13200	Each	$1,082.00	4.0%	$1,038.72

Science Laboratory and Teaching Supplies	13204	Binocular Zoom Stereo Microscope on Pole Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Pole stand with rack and pinion focusing arm Dust cover, 125mm black & white stage plate, instruction manual	Unitron	13204	Each	$1,082.00	4.0%	$1,038.72
Science Laboratory and Teaching Supplies	13205	Binocular Zoom Stereo Microscope on Boom Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Bonder arm focusing mount, boom stand Dust cover and instruction manual	Unitron	13205	Each	$1,359.00	4.0%	$1,304.64
Science Laboratory and Teaching Supplies	13206	Binocular Zoom Stereo Microscope on Ball Bearing Boom Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Bonder arm focusing mount, ball bearing boom stand Dust cover and instruction manual	Unitron	13206	Each	$1,542.00	4.0%	$1,480.32
Science Laboratory and Teaching Supplies	13207	Binocular Zoom Stereo Microscope on Flex Arm Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Bonder arm focusing mount, flexible articulating arm stand with c-clamp mount, dust cover and instruction manual	Unitron	13207	Each	$1,608.00	4.0%	$1,543.68
Science Laboratory and Teaching Supplies	13208	Binocular Zoom Stereo Microscope on E-LED Stand Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield WF10x focusing eyepieces, 20mm field of view Variable LED incident and transmitted focusing stand with stage clips, universal power supply 95mm Clear glass, black & white stage plates, dust cover and manual	Unitron	13208	Each	$1,155.00	4.0%	$1,108.80
Science Laboratory and Teaching Supplies	13230	Trinocular Zoom Stereo Microscope on Plain Focusing Stand Same as above except with a 45° trinocular viewing head	Unitron	13230	Each	$1,307.00	4.0%	$1,254.72
Science Laboratory and Teaching Supplies	13234	Trinocular Zoom Stereo Microscope on Pole Stand Same as above except with 45° trinocular viewing head	Unitron	13234	Each	$1,307.00	4.0%	$1,254.72
Science Laboratory and Teaching Supplies	13235	Trinocular Zoom Stereo Microscope on Boom Stand Same as above except with 45° trinocular viewing head	Unitron	13235	Each	$1,585.00	4.0%	$1,521.60
Science Laboratory and Teaching Supplies	13236	Trinocular Zoom Stereo Microscope on Ball Bearing Boom Stand Same as above except with 45° trinocular viewing head	Unitron	13236	Each	$1,768.00	4.0%	$1,697.28
Science Laboratory and Teaching Supplies	13237	Trinocular Zoom Stereo Microscope on Flex Arm Stand Same as above except with 45° trinocular viewing head	Unitron	13237	Each	$1,834.00	4.0%	$1,760.64
Science Laboratory and Teaching Supplies	13238	Trinocular Zoom Stereo Microscope on E-LED Stand Same as above except with 45° trinocular viewing head	Unitron	13238	Each	$1,379.00	4.0%	$1,323.84
Science Laboratory and Teaching Supplies	13430	Trinocular High Resolution Zoom Stereo Microscope on Plain Focusing Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Plain focusing stand with 125mm black and white stage plate Dust cover and instruction manual	Unitron	13430	Each	$2,486.00	4.0%	$2,386.56

Science Laboratory and Teaching Supplies	13431	Trinocular High Resolution Zoom Stereo Microscope On LED Incident & Transmitted Focusing Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Variable LED incident (12v/2w) and transmitted (12v4w) focusing stand with stage clips, universal power supply 100mm Frosted, clear glass, black & white stage plates Dust cover and instruction manual	Unitron	13431	Each	$2,857.00	4.0%	$2,742.72
Science Laboratory and Teaching Supplies	13434	Trinocular High Resolution Zoom Stereo Microscope on Pole Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Pole stand with rack and pinion focusing arm 125mm black & white stage plate Dust cover and instruction manual	Unitron	13434	Each	$2,486.00	4.0%	$2,386.56
Science Laboratory and Teaching Supplies	13435	Trinocular High Resolution Zoom Stereo Microscope on Boom Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Bonder arm focusing mount, boom stand Dust cover and instruction manual	Unitron	13435	Each	$2,736.00	4.0%	$2,626.56
Science Laboratory and Teaching Supplies	13436	Trinocular High Resolution Zoom Stereo Microscope On Ball Bearing Boom Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Bonder arm focusing mount, ball bearing boom stand Dust cover and instruction manual	Unitron	13436	Each	$2,919.00	4.0%	$2,802.24
Science Laboratory and Teaching Supplies	13439	Trinocular High Resolution Zoom Stereo Microscope On Coaxial Coarse/Fine Focusing LED Stand Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield WF 10x eyepieces with built-in diopter adjustment (paired) 23mm field of view, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount Variable LED incident (12v/2w) and transmitted (12v4w) coaxial coarse & fine focusing stand with stage clips, universal power supply 100mm Frosted, clear glass, black & white stage plates Dust cover and instruction manual	Unitron	13439	Each	$2,919.00	4.0%	$2,802.24
Science Laboratory and Teaching Supplies	13500	Binocular Zoom Stereo Microscope on Plain Focusing Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45°, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Plain focusing stand with 125mm black and white stage plate Dust cover and instruction manual	Unitron	13500	Each	$1,473.00	4.0%	$1,414.08

Science Laboratory and Teaching Supplies	13501	Binocular Zoom Stereo on LED Incident & Transmitted Focusing Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident (12v/2w) and transmitted (12v4w) focusing stand with stage clips, universal power supply Frosted, clear glass, black & white stage plates, dust cover and manual	Unitron	13501	Each	$1,844.00	4.0%	$1,770.24
Science Laboratory and Teaching Supplies	13502	Binocular Zoom Stereo Microscope on Gliding Boom Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, gliding boom stand, dust cover and manual	Unitron	13502	Each	$1,831.00	4.0%	$1,757.76
Science Laboratory and Teaching Supplies	13504	Binocular Zoom Stereo Microscope on Pole Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Pole stand with rack and pinion focusing arm Dust cover, 125mm black & white stage plate, instruction manual	Unitron	13504	Each	$1,473.00	4.0%	$1,414.08
Science Laboratory and Teaching Supplies	13505	Binocular Zoom Stereo Microscope on Boom Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, boom stand, dust cover and manual	Unitron	13505	Each	$1,723.00	4.0%	$1,654.08
Science Laboratory and Teaching Supplies	13506	Binocular Zoom Stereo Microscope on Ball Bearing Boom Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, ball bearing boom stand Dust cover and instruction manual	Unitron	13506	Each	$1,907.00	4.0%	$1,830.72
Science Laboratory and Teaching Supplies	13507	Binocular Zoom Stereo Microscope on Flex Arm Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, flexible articulating arm stand with c-clamp mount, dust cover and instruction manual	Unitron	13507	Each	$1,973.00	4.0%	$1,894.08
Science Laboratory and Teaching Supplies	13508	Binocular Zoom Stereo Microscope on E-LED Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident and transmitted focusing stand with stage clips, universal power supply Dust cover and instruction manual	Unitron	13508	Each	$1,546.00	4.0%	$1,484.16

Science Laboratory and Teaching Supplies	13509	Binocular Zoom Stereo Microscope On Coaxial Coarse/Fine Focusing LED Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident (12v/2w) and transmitted (12v4w) focusing stand with stage clips, universal power supply Frosted, clear glass, 100mm black & white stage plates, dust cover and manual	Unitron	13509	Each	$1,907.00	4.0%	$1,830.72
Science Laboratory and Teaching Supplies	13510	Binocular Zoom Stereo Microscope on Diascopic Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm W.D., interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED diascopic stand (12V3W), 360 rotatable mirror, coarse focus, plastic arm rests, universal power supply Dust cover and instruction manual	Unitron	13510	Each	$2,523.00	4.0%	$2,422.08
Science Laboratory and Teaching Supplies	13511	Binocular Zoom Stereo Microscope on Advanced Diascopic Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm W.D., interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Advanced diascopic stand, 360 rotatable and sliding mirror, coarse focus, external variable LED light source (24W) and single fiber light guide Dust cover and instruction manual	Unitron	13511	Each	$4,456.00	4.0%	$4,277.76
Science Laboratory and Teaching Supplies	13530	Trinocular Zoom Stereo Microscope on Plain Focusing Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13530	Each	$1,703.00	4.0%	$1,634.88
Science Laboratory and Teaching Supplies	13531	Trinocular Zoom Stereo Microscope on LED Incident & Transmitted Focusing Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13531	Each	$2,074.00	4.0%	$1,991.04
Science Laboratory and Teaching Supplies	13532	Trinocular Zoom Stereo Microscope on Gliding Boom Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13532	Each	$2,062.00	4.0%	$1,979.52
Science Laboratory and Teaching Supplies	13534	Trinocular Zoom Stereo Microscope on Pole Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13534	Each	$1,703.00	4.0%	$1,634.88
Science Laboratory and Teaching Supplies	13535	Trinocular Zoom Stereo Microscope on Boom Stand Trinocular viewing head, 067x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, boom stand, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13535	Each	$1,953.00	4.0%	$1,874.88
Science Laboratory and Teaching Supplies	13536	Trinocular Zoom Stereo Microscope on Ball Bearing Boom Stand Trinocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, ball bearing stand, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13536	Each	$2,137.00	4.0%	$2,051.52

Science Laboratory and Teaching Supplies	13537	Trinocular Zoom Stereo Microscope on Flex Arm Stand Trinocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Bonder arm focusing mount, flexible articulating arm stand with c-clamp mount, dust cover and manual C-mount adapters and cameras sold separately	Unitron	13537	Each	$2,204.00	4.0%	$2,115.84
Science Laboratory and Teaching Supplies	13538	Trinocular Zoom Stereo Microscope on E-LED Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13538	Each	$1,777.00	4.0%	$1,705.92
Science Laboratory and Teaching Supplies	13539	Trinocular Zoom Stereo Microscope On Coaxial Coarse/Fine Focusing LED Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13539	Each	$2,137.00	4.0%	$2,051.52
Science Laboratory and Teaching Supplies	13541	Trinocular Zoom Stereo Microscope on Advanced Diascopic Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13541	Each	$4,687.00	4.0%	$4,499.52
Science Laboratory and Teaching Supplies	14351	EXAMET-5 Reflected & Transmitted Illumination Trinocular viewing head (light distribution 100% binocular, binocular/trinocular 50%/50%); inclined 30° and rotatable 360° PL10x/22mm focusable eyepiece with diopter adjustment and eyeguard. Eyepiece accepts a 24mm reticle Interpupillary distance adjustment range of 54-75mm; single diopter adjustment on left eyetube Reversed quintuple nosepiece Long working distance M Infinity Plan Achromat 5x, 10x and 20x objectives Long working distance M Infinity Semi-Plan Apochromat 50x objective Condenser with swing-out top lens, iris diaphragm, N.A. 0.9 Low position coaxial focusing system with tension adjustment Mechanical Stage: 175mm x 145mm with a 76mm (X) x 42mm (Y) movement range; specimens of a height of up to 30mm can be observed 5 watt variable LED reflected illuminator with field and aperture diaphragm 5 watt variable LED transmitted illuminator with field diaphragm Universal power supply (90v - 240v) on both the reflected and transmitted	Unitron	14351	Each	$6,367.00	4.0%	$6,112.32
Science Laboratory and Teaching Supplies	14620	Inverted Metallurgical Microscope Trinocular viewing head, inclined at 45°, IPD 54mm -75mm Viewing split: 100% Binocular or 20% Binocular / 80% Trinocular PL10x/22mm focusable eyepiece with diopter adjustment and eyeguard. Eyepiece accepts a 24mm reticle Infinity M Plan Achromat LWD 5x,10x, 20xR and semi-apo 50xR objectives Quintuple nosepiece 5 watt variable LED illuminator Coaxial coarse and fine focusing controls Attachable mechanical stage with right hand coaxial controls, movement range 120 x 78mm ø12mm and ø25mm teardrop stage plate inserts (for fixed and mechanical stages) Simple polarizer and analyzer 32mm blue, green and frosted filters Dust cover, instruction manual, universal power supply 90 - 240v, CE and RoHS approvals	Unitron	14620	Each	$6,312.00	4.0%	$6,059.52

Science Laboratory and Teaching Supplies	14793	INSPEX 3 1080p Digital inspection station with 5D lens system Magnification range 2.1x - 131.6x Camera resolution - 1080p, 1980 x 1080, 60fps DVI and HDMI output, four USB 2.0 ports, three general purpose I/O port, DC 24v power jack 16GB internal image storage, removable USB image storage, USB on the go (PC Connectivity) Integrated quadrant control LED ring light with intensity control Wireless keyboard and wireless mouse included Supplied with AshCal™ calibration tracking throughout zoom range, on-screen pre-set mode, 2-D line measurement, on-screen overlays, auto-focus, image capture and user access control	Unitron	14793	Each	$10,758.00	4.0%	$10,327.68
Science Laboratory and Teaching Supplies	14800	Inspex HD 1080p - Integrated Table Stand 1080p digital inspection station with 4D lens system Magnification range 1.8x -98x Focal distance: 250mm Camera resolution - 1080p, 1980 x 1080 at 50/60Hz DVI and HDMI output, On-board USB flash storage device (8 GB) Integrated LED light	Unitron	14800	Each	$7,841.00	4.0%	$7,527.36
Science Laboratory and Teaching Supplies	14801	**Inspex HD 1080p - Vesa Mount - Standard Arm** **1080p digital inspection station with 5D lens system, 366mm arm length with Vesa mounting plate** **Magnification range 2.3x - 122x** **Focal distance: 200mm** **Camera resolution - 1080p, 1980 x 1080 at 50/60Hz** **DVI and HDMI output, On-board USB flash storage device (8 GB), Integrated LED light** *****Mounting Stand must be purchased separately*****	Unitron	14801	Each	$7,841.00	4.0%	$7,527.36
Science Laboratory and Teaching Supplies	14802	**Inspex HD 1080p - Vesa Mount with Short Arm** **1080p digital inspection station with 5D lens system, 294mm arm length with Vesa mounting plate** **Magnification range 2.3x - 122x** **Focal distance: 200mm** **Camera resolution - 1080p, 1980 x 1080 at 50/60Hz** **DVI and HDMI output, On-board USB flash storage device (8 GB)** **Integrated LED light** *****Mounting Stand must be purchased separately*****	Unitron	14802	Each	$7,841.00	4.0%	$7,527.36
Science Laboratory and Teaching Supplies	14810	10x Lens - 100mm working distance	Unitron	14810	Each	$379.00	4.0%	$363.84
Science Laboratory and Teaching Supplies	14813	3x Lens - 250mm working distance	Unitron	14813	Each	$379.00	4.0%	$363.84
Science Laboratory and Teaching Supplies	14814	4x Lens - 250mm working distance	Unitron	14814	Each	$379.00	4.0%	$363.84
Science Laboratory and Teaching Supplies	14815	5x Lens - 200mm working distance	Unitron	14815	Each	$379.00	4.0%	$363.84
Science Laboratory and Teaching Supplies	14837	Monitor Mount Attach directly to the top of the 14845 illuminated track stand or onto of the 14837A adapter mounted on top of the 14846 premium track stand. Supports installation of up to a 32" HD monitor with vesa mount.	Unitron	14837	Each	$534.00	4.0%	$512.64
Science Laboratory and Teaching Supplies	14838	Flex Arm Stand - Bench Clamp Multi-point adjustable arm for extended reach for viewing large areas Focus block included Shown with bench clamp	Unitron	14838	Each	$1,186.00	4.0%	$1,138.56
Science Laboratory and Teaching Supplies	14839	Flex Arm Stand - Table Base Multi-point adjustable arm for extended reach for viewing large areas Focus block included (Shown with bench clamp)	Unitron	14839	Each	$1,706.00	4.0%	$1,637.76
Science Laboratory and Teaching Supplies	14841	Polarizing Lens Filter	Unitron	14841	Each	$289.00	4.0%	$277.44

Science Laboratory and Teaching Supplies	14842	Articulated Arm Stand for Inspex HD 1080p Vesa and Monitor Ergonomic LCD monitor arm supports monitors up to 12kg on a 35mm diameter pole Monitor +/- 75° tilt or angle positions; portrait or landscape orientation Provides up to 625mm (25") of extension Pole height: 325mm; Arm extension: 70-470mm 75mm and 100mm Vesa interface plates included 2-Piece desk clamp to attach to surface edge 24" LCD Panel size or smaller recommended Touch screen stable	Unitron	14842	Each	$867.00	4.0%	$832.32
Science Laboratory and Teaching Supplies	14843	X-Y Stage 175mm (L) x 180mm (W) x 51mm (H) Coaxial control knobs Movement: 100 mm (X) x 86mm (Y) Clamps for securing slides or other objects	Unitron	14843	Each	$705.00	4.0%	$676.80
Science Laboratory and Teaching Supplies	14844	X-Y Stage - Transparent for Backlight & Scale 160mm (L) x 188mm (W) x 64mm (H) Coaxial control knobs Movement: 76 mm (X) x 65mm (Y) Clamps for securing slides or other objects Transparent stage for backlight, and Metric scale	Unitron	14844	Each	$775.00	4.0%	$744.00
Science Laboratory and Teaching Supplies	14845	Premium Illuminated Track Stand Dual focus block has coarse and fine focus adjustment 3 vertical mounting positions on track Integrated illumination with brightness control Weighted base for increased stability 390mm (L) x 300mm (W) x 470mm (H); 10kg	Unitron	14845	Each	$3,921.00	4.0%	$3,764.16
Science Laboratory and Teaching Supplies	14846	Premium Track Stand Dual focus block has coarse and fine focus adjustment 3 vertical mounting positions on track Weighted base for increased stability 390mm (L) x 300mm (W) x 470mm (H); 10kg	Unitron	14846	Each	$3,528.00	4.0%	$3,386.88
Science Laboratory and Teaching Supplies	14857	UV Ring Light - Ingetgrated 367nm - Other wavelengths available upon request No external power supply Easily interchanges with other OMNI/ INSPEX II lights	Unitron	14857	Each	$1,340.00	4.0%	$1,286.40
Science Laboratory and Teaching Supplies	14858	Polarized Ring Light With Analyzer Rotatable analyzer allows for contrast adjustment Light intensity control via software or front panel controls No external power supply Easily interchanges with other OMNI/ INSPEX II lights	Unitron	14858	Each	$1,221.00	4.0%	$1,172.16
Science Laboratory and Teaching Supplies	14863	OMNI 3 1080p 1080p Digital inspection station with 5D lens system Magnification range 2.5x - 122x Camera resolution - 1080p, 1980 x 1080, 60fps DVI and HDMI output, four USB 2.0 ports, RJ45 Ethernet connector for networking, three general purpose I/O port, DC 24v power jack Internal image storage, removable USB image storage, USB on the go (PC Connectivity) Integrated quadrant control LED ring light with intensity control Wireless keyboard and wireless mouse included Standard features and benefits: AshCalTM auto calibration, Real-time Lens Distortion Correction, image stamping, repeatable measurements, customizable workflows, user privileges, save to network, email, internal and external storage	Unitron	14863	Each	$13,270.00	4.0%	$12,739.20
Science Laboratory and Teaching Supplies	14872	X-Y Stage - Large 420mm (L) x 455mm (W) x 55mm (H) Ball bearing slide for smooth movement Lock mechanism for both X and Y directions	Unitron	14872	Each	$887.00	4.0%	$851.52
Science Laboratory and Teaching Supplies	14874	+5 lens - allows up to 131.65x magnification, working distance 195mm	Unitron	14874	Each	$444.00	4.0%	$426.24
Science Laboratory and Teaching Supplies	14877	Oblique Tilting Stage 340mm (Diameter) x 120mm (H)	Unitron	14877	Each	$765.00	4.0%	$734.40
Science Laboratory and Teaching Supplies	14878	+50x lens - for Omni 3 - allows up to 1293.4x magnification, working distance 58mm	Unitron	14878	Each	$3,267.00	4.0%	$3,136.32
Science Laboratory and Teaching Supplies	14879	+25x lens - allows up to 646.7x magnification, working distance 44mm	Unitron	14879	Each	$2,136.00	4.0%	$2,050.56

Science Laboratory and Teaching Supplies	14881	LED Dome Light - Integrated Cool white light No external power supply Easily interchanges with other OMNI/ INSPEX II lights Brightness 20,450 LUX Color temperature 6000-7000k 6w LED, Expected bulb life 50,000 hours Light intensity control via software or front panel controls	Unitron	14881	Each	$2,263.00	4.0%	$2,172.48
Science Laboratory and Teaching Supplies	14886	Ash PC Capture Allows Omni 3 live video to be viewed on a PC at full HD 60fps	Unitron	14886	Each	$815.00	4.0%	$782.40
Science Laboratory and Teaching Supplies	14887	Ash 360° Rotating Viewer Inspect objects with a full 360° rotating view. Useful for inspecting electronic components, medical devices and metal cutting tools. The rotating viewer easily attaches to the standard Ash lens.	Unitron	14887	Each	$3,116.00	4.0%	$2,991.36
Science Laboratory and Teaching Supplies	14893	Calibrated Glass Ruler	Unitron	14893	Each	$2,140.00	4.0%	$2,054.40
Science Laboratory and Teaching Supplies	15554	Metal ASMM Stage Micrometer - ASMM, 1mm/100 divisions	Unitron	15554	Each	$345.00	4.0%	$331.20
Science Laboratory and Teaching Supplies	16102	MI-150 150W fiber optic power illuminator (no light guides or ring lights)	Unitron	16102	Each	$945.00	4.0%	$907.20
Science Laboratory and Teaching Supplies	16205	Comparison Forensic Macroscope with LED Goosenecks Trinocular viewing head 5 matched magnification steps -- 0.8x, 1.25x, 2x, 3.2x and 4.8x CWF 10x eyepieces, 22mm field of view Interpupillary distance adjustment range of 55-75mm Working distance -- 95mm (2) 65mm diameter circular, ball bearing precision stages with horizontal coaxial stage controls (2) 2.5 watt circular LED Ring Light mounted to each optical system (2) 3 watt LED flexible light guides with focusing lens Built-in touch pad to control all lighting options A wide range of stage mounting plates, bullet and catridge holders in aluminum hardsided carry case	Unitron	16205	Each	$27,064.00	4.0%	$25,981.44
Science Laboratory and Teaching Supplies	16206	Comparison Forensic Macroscope with Fluorescent Goosenecks Trinocular viewing head 5 matched magnification steps -- 0.8x, 1.25x, 2x, 3.2x and 4.8x CWF 10x eyepieces, 22mm field of view Interpupillary distance adjustment range of 55-75mm Working distance -- 95mm (2) 65mm diameter circular, ball bearing precision stages with horizontal coaxial stage controls (2) 2.5 watt circular LED Ring Light mounted to each optical system (2) fluorescent overhead light on gooseneck Built-in touch pad to control all lighting options A wide range of stage mounting plates, bullet and catridge holders in aluminum hardsided carry case	Unitron	16206	Each	$27,064.00	4.0%	$25,981.44

Science Laboratory and Teaching Supplies	21000	microFOCUS 4K Autofocus Digital Microscope - No Stand Built-in 2160p UHD CMOS camera and software with on-screen controls Wireless mouse included Integrated LED ring light Autofocus microscope with 30fps frame rate (HDMI, Ethernet, USB) W.D. 250mm, depth of focus 205mm - 255mm Continuous optical zoom 1x—18x 2160p/1080P HDMI output, autosensing (HDMI cable included) Data transfer via USB 2.0 port, SD card slot (SD card not included), LAN port (Ethernet cable not included). Data transfer to PC requires free software and Windows PC (not included). 76mm diameter LED ring light serves as mounting ringand fits most stereo microscope stands; 1/4 - 20 tapped mounting hole available Requires stand with focus mount (76mm diameter) (not included) Requires 4K or HD monitor (not included)	Unitron	21000	Each	$1,797.00	4.0%	$1,725.12
Science Laboratory and Teaching Supplies	21005	microFOCUS 4K On Boom Stand Same as above except with boom stand with bonder arm Requires 4K or HD monitor (not included)	Unitron	21005	Each	$2,428.00	4.0%	$2,330.88
Science Laboratory and Teaching Supplies	21006	microFOCUS 4K On Ball Bearing Boom Stand Same as above except with ball bearing boom stand with bonder arm Requires 4K or HD monitor (not included)	Unitron	21006	Each	$2,606.00	4.0%	$2,501.76
Science Laboratory and Teaching Supplies	21007	microFOCUS 4K On Flex Arm Stand Same as above except with flex arm articulating stand with bonder arm and C-clamp Requires 4K or HD monitor (not included)	Unitron	21007	Each	$2,672.00	4.0%	$2,565.12
Science Laboratory and Teaching Supplies	22000	enVision AF HD Autofocus Digital Microscope - No Stand Built-in 1080p HD CMOS camera and software with on-screen controls Wireless mouse included Autofocus microscope with 60fps frame rate W.D. 10cm - ∞ Continuous optical zoom 1x—14x 1080P HDMI output (HDMI cable included), 2 x USB 2.0 ports, LAN port (data transfer via LAN requires free software and Ethernet cable and Windows PC (not included) 76mm diameter mounting ring fits most stereo microscope stands; 1/4 - 20 and M4 tapped mounting holes available Requires stand with focus mount (76mm diameter) (not included) Requires HD monitor (not included)	Unitron	22000	Each	$2,327.00	4.0%	$2,233.92
Science Laboratory and Teaching Supplies	22005	enVision AF On Boom Stand Same as above except with boom stand with bonder arm Requires HD monitor (not included)	Unitron	22005	Each	$2,907.00	4.0%	$2,790.72
Science Laboratory and Teaching Supplies	22006	enVision AF On Ball Bearing Boom Stand Same as above except with ball bearing boom stand with bonder arm Requires HD monitor (not included)	Unitron	22006	Each	$3,085.00	4.0%	$2,961.60
Science Laboratory and Teaching Supplies	22007	enVision AF On Flex Arm Stand Same as above except with flex arm articulating stand with bonder arm and C-clamp Requires HD monitor (not included)	Unitron	22007	Each	$2,968.00	4.0%	$2,849.28
Science Laboratory and Teaching Supplies	00-2010-1	1x c-mount with focus adjustment	Unitron	00-2010-1	Each	$119.00	4.0%	$114.24
Science Laboratory and Teaching Supplies	00-2010-35	0.35x c-mount with focus adjustment	Unitron	00-2010-35	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-50	0.50x c-mount with focus adjustment	Unitron	00-2010-50	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-65	0.65x c-mount with focus adjustment	Unitron	00-2010-65	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	00-2010-P	Photo tube, 23mm I.D.	Unitron	00-2010-P	Each	$129.00	4.0%	$123.84
Science Laboratory and Teaching Supplies	111-10-10	WF10x focusing eyepiece, 24mm field of view. Eyepiece accepts a 26.5 mm reticle	Unitron	111-10-10	Each	$121.00	4.0%	$116.16
Science Laboratory and Teaching Supplies	111-11-02	Binocular viewing head, inclined at 20°	Unitron	111-11-02	Each	$625.00	4.0%	$600.00
Science Laboratory and Teaching Supplies	111-11-03	Ergo tilting (0° - 35°) binocular viewing head	Unitron	111-11-03	Each	$1,895.00	4.0%	$1,819.20
Science Laboratory and Teaching Supplies	111-11-05	Trinocular viewing head, 0° - 30° tilt, 100:0/50:50 light split eyes:camera port, requires C-mount adapter to attach camera	Unitron	111-11-05	Each	$2,495.00	4.0%	$2,395.20

Science Laboratory and Teaching Supplies	111-11-06	Trinocular viewing head, 0° - 30° tilt, 100:0/0:100 light split eyes:camera port, requires C-mount adapter to attach camera	Unitron	111-11-06	Each	$2,495.00	4.0%	$2,395.20
Science Laboratory and Teaching Supplies	111-14-01	0.8x to 8.0x zoom range, 10:1 zoom ratio, parallel-optics zoom system	Unitron	111-14-01	Each	$2,995.00	4.0%	$2,875.20
Science Laboratory and Teaching Supplies	111-14-02	0.8x to 6.4x zoom range, 8:1 zoom ratio, parallel-optics zoom system	Unitron	111-14-02	Each	$2,124.00	4.0%	$2,039.04
Science Laboratory and Teaching Supplies	111-14-03	0.8x to 5.0x zoom range, 6:1 zoom ratio, parallel-optics zoom system	Unitron	111-14-03	Each	$1,795.00	4.0%	$1,723.20
Science Laboratory and Teaching Supplies	111-15-01	1.0x plan achromat objective, N.A. 0.09, working distance 78mm	Unitron	111-15-01	Each	$519.00	4.0%	$498.24
Science Laboratory and Teaching Supplies	111-15-02	2.0x plan achromat objective, N.A. 0.02, working distance 32.5mm	Unitron	111-15-02	Each	$1,906.00	4.0%	$1,829.76
Science Laboratory and Teaching Supplies	111-15-03	0.3x achromat objective, N.A. 0.03, working distance 280mm	Unitron	111-15-03	Each	$486.00	4.0%	$466.56
Science Laboratory and Teaching Supplies	111-15-05	0.5x plan apochromatic objective, N.A. 0.05, working distance 126mm (riser adapter required for LED & Plain Focusing Stand configurations)	Unitron	111-15-05	Each	$895.00	4.0%	$859.20
Science Laboratory and Teaching Supplies	111-15-05A	0.5x achromat objective, N.A. 0.05, working distance 186mm (riser adapter required with LED and Plain Focusing Stand configurations)	Unitron	111-15-05A	Each	$387.00	4.0%	$371.52
Science Laboratory and Teaching Supplies	111-16-01	Beam splitter, 2 position (100:0/80:20), includes photo tube which accepts optional c-mount	Unitron	111-16-01	Each	$587.00	4.0%	$563.52
Science Laboratory and Teaching Supplies	111-16-20	ErgoZ horizontal position adapter, adds 75mm extension and 25mm vertical height	Unitron	111-16-20	Each	$2,670.00	4.0%	$2,563.20
Science Laboratory and Teaching Supplies	111-17-01	Iris diaphragm - recommended for controlling depth of field in photography	Unitron	111-17-01	Each	$450.00	4.0%	$432.00
Science Laboratory and Teaching Supplies	111-25-00	Photo tube	Unitron	111-25-00	Each	$294.00	4.0%	$282.24
Science Laboratory and Teaching Supplies	111-25-01	1.0x c-mount adapter (no lens)	Unitron	111-25-01	Each	$294.00	4.0%	$282.24
Science Laboratory and Teaching Supplies	111-25-01A	1.0x c-mount adapter (no lens) for ergo trinocular head (CAT#111-11-05, 111-11-06)	Unitron	111-25-01A	Each	$341.00	4.0%	$327.36
Science Laboratory and Teaching Supplies	111-25-05A	0.5x c-mount adapter, focusable, for ergo trinocular head (CAT#111-11-05, 111-11-06)	Unitron	111-25-05A	Each	$341.00	4.0%	$327.36
Science Laboratory and Teaching Supplies	111-25-07	0.7x c-mount adapter, for ergo trinocular head (CAT#111-11-05, 111-11-06)	Unitron	111-25-07	Each	$422.00	4.0%	$405.12
Science Laboratory and Teaching Supplies	111-40-00	Coaxial episcopic illuminator port - 1.5x magnfication factor (light guides, power supply ordered separately)	Unitron	111-40-00	Each	$2,153.00	4.0%	$2,066.88
Science Laboratory and Teaching Supplies	11140-TB	Z10 Ergonomic Binocular Zoom Stereo Microscope, 8x to 80x magnification Ergo tilting (0° - 35°) binocular viewing head, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Z10 Zoom Stereo Microscope; 0.8x to 8x zoom range, 10:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11140-TB	Each	$5,651.00	4.0%	$5,424.96
Science Laboratory and Teaching Supplies	11140-TT	Z10 Ergonomic Trinocular Zoom Stereo Microscope, 8x to 80x magnification Ergo tilting (0° - 30°) trinocular viewing head (100:0/50:50 eyes:camera; requires c-mount adapter to attach camera), WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Requires c-mount adapter. Z10 Zoom Stereo Microscope; 0.8x to 8x zoom range, 10:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11140-TT	Each	$6,251.00	4.0%	$6,000.96
Science Laboratory and Teaching Supplies	11145-TB	Z8 Ergonomic Binocular Zoom Stereo Microscope, 8x to 64x magnification Ergo tilting (0° - 35°) binocular viewing head, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Z8 Zoom Stereo Microscope; 0.8x to 6.4x zoom range, 8:1 zoom ratio, 360º rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11145-TB	Each	$4,630.00	4.0%	$4,444.80

Science Laboratory and Teaching Supplies	11145-TT	Z8 Ergonomic Trinocular Zoom Stereo Microscope, 8x to 64x magnification Ergo tilting (0° - 30°) trinocular viewing head (100:0/50:50 eyes:camera; requires c-mount adapter to attach camera), WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Requires c-mount adapter. Z8 Zoom Stereo Microscope; 0.8x to 6.4x zoom range, 8:1 zoom ratio, 360º rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11145-TT	Each	$5,380.00	4.0%	$5,164.80
Science Laboratory and Teaching Supplies	11150-DH	Z6 Dual Discussion Head Zoom Stereo Microscope, 8x to 50x Magnification Dual binocular viewing heads, inclined at 20°, WF10x eyepieces with built-in diopter adjustments, 24mm field of view; Z6 Zoom Stereo Microscope; 0.8x to 5.0x zoom range, 6:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm, 25" long optical bridge with electronic pointer, 18" tall vertical column with coarse focusing mechanism on 16 1/2" L x 14" D heavy weighted base with frosted glass stage plate.	Unitron	11150-DH	Each	$10,495.00	4.0%	$10,075.20
Science Laboratory and Teaching Supplies	11150-TB	Z6 Ergonomic Binocular Zoom Stereo Microscope, 8x to 50x Magnification Ergo tilting (0° - 35°) binocular viewing head, WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Z6 Zoom Stereo Microscope; 0.8x to 5.0x zoom range, 6:1 zoom ratio, 360º rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11150-TB	Each	$4,630.00	4.0%	$4,444.80
Science Laboratory and Teaching Supplies	11150-TB05A	Z6 Ergo Binocular Zoom Stereo Microscope, with 0.5x aux lens 4x - 25x Magnification Ergo tilting (0° - 35°) binocular viewing head with extended eyetubes, WF10x eyepieces with built-in diopter adjustment (paired), 22mm field of view, Z6 Zoom Stereo Microscope; 0.8x to 5x zoom range, 0.5x auxiliary objective (WD 186mm) 6:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 0.5x achromat objective, W.D. 186mm	Unitron	11150-TB05A	Each	$4,386.00	4.0%	$4,210.56
Science Laboratory and Teaching Supplies	11150-TT	Z6 Ergonomic Trinocular Zoom Stereo Microscope, 8x to 50x Magnification Ergo tilting (0° - 30°) binocular viewing head (100:0/50:50 eyes:camera; requires c-mount adapter to attach camera), WF10x eyepieces with built-in diopter adjustment (paired), 24mm field of view - accepts 26.5mm reticle. Requires c-mount adapter. Z6 Zoom Stereo Microscope; 0.8x to 5.0x zoom range, 6:1 zoom ratio, 360º rotatable with dual lateral zooming knobs with on/off click stops; 1.0x plan achromat objective, N.A. 0.09, W.D. 78mm	Unitron	11150-TT	Each	$5,051.00	4.0%	$4,848.96
Science Laboratory and Teaching Supplies	11150-TT05A	Z6 Ergo Trinocular Zoom Stereo Microscope, with 0.5x aux lens 4x - 25x Magnification Ergo tilting (0° - 30°) trinocular viewing head (100:0/50:50 eyes:camera; requires c-mount adapter to attach camera), WF10x eyepieces with built-in diopter adjustment (paired), 22mm field of view, Z6 Zoom Stereo Microscope; 0.8x to 5x zoom range, 0.5x auxiliary objective (WD 186mm) 6:1 zoom ratio, 360° rotatable with dual lateral zooming knobs with on/off click stops; 0.5x achromat objective, W.D. 186mm	Unitron	11150-TT05A	Each	$5,371.00	4.0%	$5,156.16
Science Laboratory and Teaching Supplies	131-10-01	Rubber eyeguards (pair) - replacement for 10x, 15x and 20x eyepieces	Unitron	131-10-01	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	131-10-11	WF10x focusing eyepiece, 22mm field of view. Eyepiece accepts a 26.5 mm reticle	Unitron	131-10-11	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	131-10-15	WF15x focusing eyepiece, 16mm field of view. Eyepiece accepts a 20mm reticle	Unitron	131-10-15	Each	$123.00	4.0%	$118.08
Science Laboratory and Teaching Supplies	131-10-20	WF20x focusing eyepiece, 12.5mm field of view. Eyepiece does not accept a reticle	Unitron	131-10-20	Each	$136.00	4.0%	$130.56
Science Laboratory and Teaching Supplies	131-11-02	Binocular viewing head, 0.8x to 5.0x zoom range, inclined at 45º, 115 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield	Unitron	131-11-02	Each	$874.00	4.0%	$839.04

Science Laboratory and Teaching Supplies	131-11-03	Trinocular viewing head, 50/50 light split, 0.8x to 5.0x zoom range, inclined at 45º, 115mm W.D., interpupillary distance adj.52-75mm, glass lens shield	Unitron	131-11-03	Each	$1,091.00	4.0%	$1,047.36
Science Laboratory and Teaching Supplies	131-12-01	26.5mm eyepiece reticle, 10mm/100 divisions with crossline	Unitron	131-12-01	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	131-12-05	26.5mm eyepiece reticle, 10mm/100 divisions without crossline	Unitron	131-12-05	Each	$191.00	4.0%	$183.36
Science Laboratory and Teaching Supplies	131-12-10	20mm eyepiece reticle, 10mm/100 divisions with crossline	Unitron	131-12-10	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	131-12-11	20mm eyepiece reticle, 10mm/100 divisions	Unitron	131-12-11	Each	$191.00	4.0%	$183.36
Science Laboratory and Teaching Supplies	131-12-20	Stage micrometer, 1mm/100 division (each division .010mm)	Unitron	131-12-20	Each	$80.00	4.0%	$76.80
Science Laboratory and Teaching Supplies	131-15-01	1x Glass lens shield	Unitron	131-15-01	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	131-15-02	2.0x auxiliary objective, working distance 43.5mm	Unitron	131-15-02	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	131-15-05	0.5x auxilliary objective, working distance 211mm (LED and Plain Focusing stand configurations require riser adapter)	Unitron	131-15-05	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	131-15-07	0.7x auxilliary objective, working distance 137mm	Unitron	131-15-07	Each	$264.00	4.0%	$253.44
Science Laboratory and Teaching Supplies	131-20-38	7 watt fluorescent bulb, 4 pin	Unitron	131-20-38	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	131-20-40	Riser adapter for 0.5x auxiliary objective	Unitron	131-20-40	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	131-20-43	Riser adapter for 0.5x auxiliary objective	Unitron	131-20-43	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	131-25-05	0.5x c-mount adapter	Unitron	131-25-05	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	131-30-00	Polarizer and analyzer	Unitron	131-30-00	Each	$309.00	4.0%	$296.64
Science Laboratory and Teaching Supplies	132-10-11	WF10x focusing eyepiece, 20mm field of view. Eyepiece accepts a 26.5mm reticle, roll down eyeguard	Unitron	132-10-11	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	132-11-45	Binocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield	Unitron	132-11-45	Each	$613.00	4.0%	$588.48
Science Laboratory and Teaching Supplies	132-11-70	Trinocular viewing head, 0.7x to 3.0x zoom range, inclined at 45º, 97 mm working distance, interpupillary distance adj. 52-75mm, glass lens shield	Unitron	132-11-70	Each	$839.00	4.0%	$805.44
Science Laboratory and Teaching Supplies	132-15-01	1.0x auxiliary objective, 100mm working distance (required for use of fiber optic ring light)	Unitron	132-15-01	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	132-15-02	2.0x auxiliary objective, 30mm working distance	Unitron	132-15-02	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	132-15-05	0.5x auxiliary objective, 180mm working distance (riser adapter required on LED and Plain Focusing Stands)	Unitron	132-15-05	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	132-15-06	0.63x auxiliary objective, 140mm working distance	Unitron	132-15-06	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	132-15-75	0.75x auxilary objective, 120mm working distance	Unitron	132-15-75	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	132-25-05	0.5x c-mount adapter direct fit for Z730 only	Unitron	132-25-05	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	132-25-05F	0.5x c-mount adapter, focusable	Unitron	132-25-05F	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	134-10-11	WF10x focusing eyepiece with roll down eyeguard, 23mm field of view. Eyepiece accepts a 26.5 mm reticle.	Unitron	134-10-11	Each	$118.00	4.0%	$113.28
Science Laboratory and Teaching Supplies	134-10-30	WF30x focusing eyepiece with built-in diopter adjustment and eyeguard, 8mm field of view.	Unitron	134-10-30	Each	$163.00	4.0%	$156.48
Science Laboratory and Teaching Supplies	134-11-03	Trinocular viewing head, 0.6x to 5.0x zoom range, inclined at 30°,115 mm working distance, interpupillary distance adj, 52-75mm, glass lens shield, 0/100 light split, with 0.55x built-in c-mount lens, or remove to become a 1x c-mount	Unitron	134-11-03	Each	$1,926.00	4.0%	$1,848.96
Science Laboratory and Teaching Supplies	134-25-01	Configure Z650HR viewing head (CAT # 134-11-03) with a 1x c-mount	Unitron	134-25-01	Each	$60.00	4.0%	$57.60
Science Laboratory and Teaching Supplies	13501-GEM	Gemological Binocular Zoom Stereo Microscope on LED Stand Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm W.D., interpupillary distance adj. 52-76mm, glass lens shield Widefield 10x eyepieces with built-in diopter adjustment (paired), 22mm field of view Variable LED incident (12v/2w) and transmitted (12v4w) focusing stand with stage clips, universal power supply Centrable Darkfield condenser, wire stoneholder (gem clamp) Frosted, clear glass, black & white stage plates, dust cover and instruction manual	Unitron	13501-GEM	Each	$1,986.00	4.0%	$1,906.56
Science Laboratory and Teaching Supplies	13505-1	Binocular Zoom Stereo Microscope w/0.5x Aux. Obj., Quad LED Ring Light on Boom Stand Same as above except with binocular viewing head, Quadrant control LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, boom stand, dust cover, manual	Unitron	13505-1	Each	$2,157.00	4.0%	$2,070.72

Science Laboratory and Teaching Supplies	13505-2	Binocular Zoom Stereo Microscope w/0.5x Aux. Obj., LED140 Ring Light on Boom Stand Same as above except with binocular viewing head, LED140 ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, boom stand, dust cover, manual	Unitron	13505-2	Each	$2,322.00	4.0%	$2,229.12
Science Laboratory and Teaching Supplies	13506-1	Binocular Zoom Stereo Microscope w/0.5x Aux.Obj.,Quad LED Ring Light on Ball Bearing Boom Stand Same as above except with binocular viewing head, Quadrant control LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, ball bearing boom stand, dust cover, manual	Unitron	13506-1	Each	$2,340.00	4.0%	$2,246.40
Science Laboratory and Teaching Supplies	13506-2	Binocular Zoom Stereo Microscope w/0.5x Aux. Obj., LED140 Ring Light on Ball Bearing Boom Stand Same as above except with binocular viewing head, LED140 ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, ball bearing boom stand, dust cover, manual	Unitron	13506-2	Each	$2,505.00	4.0%	$2,404.80
Science Laboratory and Teaching Supplies	13507-1	Binocular Zoom Stereo Microscope w/0.5x Aux. Obj., Quad LED Ring Light on Flex Arm Stand Same as above except with binocular viewing head, Quadrant control LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, flexible articulating arm stand with c-clamp, dust cover, manual	Unitron	13507-1	Each	$2,406.00	4.0%	$2,309.76
Science Laboratory and Teaching Supplies	13507-2	Binocular Zoom Stereo Microscope w/0.5x Aux Obj., LED140 Ring Light on Flex Arm Stand Same as above except with binocular viewing head, LED140 ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, flexible articulating arm stand with c-clamp, dust cover, manual	Unitron	13507-2	Each	$2,571.00	4.0%	$2,468.16
Science Laboratory and Teaching Supplies	135-10-15	WF15x focusing eyepiece, 16mm field of view. Eyepiece accepts an 20mm reticle	Unitron	135-10-15	Each	$128.00	4.0%	$122.88
Science Laboratory and Teaching Supplies	135-10-20	WF20x focusing eyepiece with built-in diopter adjustment and eyeguard, 12mm field of view. Eyepiece does not accept a reticle.	Unitron	135-10-20	Each	$128.00	4.0%	$122.88
Science Laboratory and Teaching Supplies	135-11-02	Binocular viewing head, 0.67x to 4.5x zoom range, inclined at 45º, 110mm working distance, interpupillary distance adj. 52-76mm, glass lens shield	Unitron	135-11-02	Each	$917.00	4.0%	$880.32
Science Laboratory and Teaching Supplies	135-11-03	Trinocular viewing head, fixed 50/50 light split, 0.67x to 4.5x zoom range, inclined at 45º, 110mm W.D., interpupillary distance adj.52-76mm, glass lens shield	Unitron	135-11-03	Each	$1,147.00	4.0%	$1,101.12
Science Laboratory and Teaching Supplies	135-15-01	1x glass lens shield (removable), 110mm working distance	Unitron	135-15-01	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	135-15-02	2.0x auxiliary objective, 26mm working distance	Unitron	135-15-02	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	135-15-03	0.3x auxilliary objective, 287mm working distance (LED and Plain Focusing stand configurations require riser adapter)	Unitron	135-15-03	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	135-15-04	0.4x auxilliary objective, 217mm working distance (LED and Plain Focusing stand configurations require riser adapter)	Unitron	135-15-04	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	135-15-05	0.5x auxilliary objective, 177mm working distance	Unitron	135-15-05	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	135-15-15	1.5x auxilliary objective, 47mm working distance	Unitron	135-15-15	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	135-15-75	0.75x auxilliary objective, 120mm working distance	Unitron	135-15-75	Each	$205.00	4.0%	$196.80
Science Laboratory and Teaching Supplies	13531-GEM	Gemological Trinocular Zoom Stereo Microscope on LED Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13531-GEM	Each	$2,216.00	4.0%	$2,127.36
Science Laboratory and Teaching Supplies	13535-1	Trinocular Zoom Stereo Microscope w/0.5x Aux. Obj., Quad LED Ring Light on Boom Stand Same as above except with trinocular viewing head, Quadrant control LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, boom stand, dust cover, manual	Unitron	13535-1	Each	$2,387.00	4.0%	$2,291.52

Science Laboratory and Teaching Supplies	13535-2	Trinocular Zoom Stereo Microscope w/0.5x Aux. Obj., LED 140 Ring Light on Boom Stand Same as above except with trinocular viewing head, LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, boom stand, dust cover, manual	Unitron	13535-2	Each	$2,552.00	4.0%	$2,449.92
Science Laboratory and Teaching Supplies	13536-1	Trinocular Zoom Stereo Microscope w/0.5x Aux.Obj., Quad LED Ring Light on Ball Bearing Boom Stand Same as above except with trinocular viewing head, Quadrant control LED ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, ball bearing boom stand, dust cover C-mount adapters and cameras sold separately	Unitron	13536-1	Each	$2,570.00	4.0%	$2,467.20
Science Laboratory and Teaching Supplies	13536-2	Trinocular Zoom Stereo Microscope w/0.5x Aux. Obj., LED140 Ring Light on Ball Bearing Boom Stand Same as above except with trinocular viewing head, LED140 ring light, 0.5x auxiliary objective, 177mm working distance, bonder arm focus mount, ball bearing boom stand, dust cover C-mount adapters and cameras sold separately	Unitron	13536-2	Each	$2,735.00	4.0%	$2,625.60
Science Laboratory and Teaching Supplies	141-12-01	24mm eyepiece reticle, 10mm/100 divisions with crossline	Unitron	141-12-01	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	142-20-01	**Blue filter, £ 480nm, for Reflected**	Unitron	142-20-01	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	142-20-02	Green filter, 520-570nm, for Reflected	Unitron	142-20-02	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	142-20-03	Red filter, 630-750nm, for Reflected	Unitron	142-20-03	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	142-20-04	Color temperature transition color filter, for Reflected	Unitron	142-20-04	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	142-20-05	Yellow filter, 45mm O.D.	Unitron	142-20-05	Each	$28.00	4.0%	$26.88
Science Laboratory and Teaching Supplies	142-20-06	Green filter, 45mm O.D.	Unitron	142-20-06	Each	$28.00	4.0%	$26.88
Science Laboratory and Teaching Supplies	142-20-07	Blue filter, 45mm O.D.	Unitron	142-20-07	Each	$28.00	4.0%	$26.88
Science Laboratory and Teaching Supplies	142-20-08	Neutral filter, 45mm O.D.	Unitron	142-20-08	Each	$28.00	4.0%	$26.88
Science Laboratory and Teaching Supplies	142-20-09	Simple (non-rotating) Polarizer, required use with both Reflected and Transmitted illumination	Unitron	142-20-09	Each	$265.00	4.0%	$254.40
Science Laboratory and Teaching Supplies	142-20-09-N	Simple (non-rotating) Polarizer, required use with both Reflected and Transmitted illumination; for microscopes manufactured since 2020	Unitron	142-20-09-N	Each	$265.00	4.0%	$254.40
Science Laboratory and Teaching Supplies	142-20-10	Polarizer for Transmitted illumination, used with analyzer CAT# 142-20-12 or CAT# 142-20-12-N	Unitron	142-20-10	Each	$281.00	4.0%	$269.76
Science Laboratory and Teaching Supplies	142-20-12	Analyzer with 360º rotation for Reflected illumination	Unitron	142-20-12	Each	$377.00	4.0%	$361.92
Science Laboratory and Teaching Supplies	142-20-12-N	Analyzer with 360º rotation for Reflected illumination; for microscopes manufactured since 2020	Unitron	142-20-12-N	Each	$377.00	4.0%	$361.92
Science Laboratory and Teaching Supplies	142-30-03	250v 3.15 amp fuse, 5/pk	Unitron	142-30-03	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	142-30-35	Dust cover	Unitron	142-30-35	Each	$21.00	4.0%	$20.16
Science Laboratory and Teaching Supplies	142-30-TM	Transmitted light illuminator	Unitron	142-30-TM	Each	$234.00	4.0%	$224.64
Science Laboratory and Teaching Supplies	14350	EXAMET-5 Reflected Illumination Trinocular viewing head (light distribution 100% binocular, binocular/trinocular 50%/50%); inclined 30° and rotatable 360° PL10x/22mm focusable eyepiece with diopter adjustment and eyeguard. Eyepiece accepts a 24mm reticle Interpupillary distance adjustment range of 54-75mm Reversed quintuple nosepiece Long working distance M Infinity Plan Achromat 5x, 10x and 20x objectives Long working distance M Infinity Semi-Plan Apochromat 50x objective Low position coaxial focusing system with tension adjustment Mechanical Stage: 175mm x 145mm with a 76mm (X) x 42mm (Y) movement range; adjustable to accommodate specimens with a height of up to 50mm; slide holder not included 5 watt variable LED reflected illuminator with field and aperture diaphragm Universal power supply (90v - 240v)	Unitron	14350	Each	$5,419.00	4.0%	$5,202.24
Science Laboratory and Teaching Supplies	146-13-01	ø12 mm teardrop rectangular stage plate insert for use with mechanical stage	Unitron	146-13-01	Each	$108.00	4.0%	$103.68
Science Laboratory and Teaching Supplies	146-13-02	ø25 mm teardrop rectangular stage plate insert for use with mechanical stage	Unitron	146-13-02	Each	$108.00	4.0%	$103.68

Science Laboratory and Teaching Supplies	146-13-12	ø12 mm stage plate insert for the fixed stage	Unitron	146-13-12	Each	$89.00	4.0%	$85.44
Science Laboratory and Teaching Supplies	146-13-25	ø25 mm stage plate insert for the fixed stage	Unitron	146-13-25	Each	$89.00	4.0%	$85.44
Science Laboratory and Teaching Supplies	146-15-05	5x LWD M plan achromat objective, N.A. 0.15, W.D. 10.8mm	Unitron	146-15-05	Each	$310.00	4.0%	$297.60
Science Laboratory and Teaching Supplies	146-15-10	10x LWD M plan achromat objective, N.A. 0.30, W.D. 12.2mm	Unitron	146-15-10	Each	$386.00	4.0%	$370.56
Science Laboratory and Teaching Supplies	146-15-100	100x dry LWD plan achromat objective, N.A. 0.80, W.D. 2.1mm	Unitron	146-15-100	Each	$1,536.00	4.0%	$1,474.56
Science Laboratory and Teaching Supplies	146-15-20	20x LWD M plan achromatic objective, N.A. 0.45, W.D. 4.0mm	Unitron	146-15-20	Each	$509.00	4.0%	$488.64
Science Laboratory and Teaching Supplies	146-15-50	50x LWD M semi-apo objective, N.A. 0.55, W.D. 7.9mm	Unitron	146-15-50	Each	$1,306.00	4.0%	$1,253.76
Science Laboratory and Teaching Supplies	146-20-01	Polarizer Slider	Unitron	146-20-01	Each	$247.00	4.0%	$237.12
Science Laboratory and Teaching Supplies	146-20-02	Analyzer slider 360° rotating	Unitron	146-20-02	Each	$367.00	4.0%	$352.32
Science Laboratory and Teaching Supplies	146-20-FB	32mm Blue Filter	Unitron	146-20-FB	Each	$24.00	4.0%	$23.04
Science Laboratory and Teaching Supplies	146-20-FG	32mm Green Filter	Unitron	146-20-FG	Each	$24.00	4.0%	$23.04
Science Laboratory and Teaching Supplies	146-20-FN	32mm Frosted Filter	Unitron	146-20-FN	Each	$24.00	4.0%	$23.04
Science Laboratory and Teaching Supplies	146-20-FY	32mm Yellow Filter	Unitron	146-20-FY	Each	$24.00	4.0%	$23.04
Science Laboratory and Teaching Supplies	14710-BBS	ZoomHD on Ball Bearing Boom Stand Built-in 2.0MP CMOS camera and software with on-screen controls Wireless mouse included 1.0x lens, W.D. 110mm Optical zoom lens 0.7x—5.0x with click stops Integrated LED ring light with adjustable intensity, color temperature 5000-5500K 1080P HDMI output (20' HDMI cable included), 2 x USB 2.0 ports 100/240v; 50/60Hz; 12V, 3.3A power consumption Ball bearing boom stand with dovetail mount Requires HD monitor (not included)	Unitron	14710-BBS	Each	$2,146.00	4.0%	$2,060.16
Science Laboratory and Teaching Supplies	14710-BS	ZoomHD on Boom Stand Built-in 2.0MP CMOS camera and software with on-screen controls Wireless mouse included 1.0x lens, W.D. 110mm Optical zoom lens 0.7x—5.0x with click stops Integrated LED ring light with adjustable intensity, color temperature 5000-5500K 1080P HDMI output (20' HDMI cable included), 2 x USB 2.0 ports 100/240v; 50/60Hz; 12V, 3.3A power consumption Boom stand with focusing dovetail mount Requires HD monitor (not included)	Unitron	14710-BS	Each	$1,916.00	4.0%	$1,839.36
Science Laboratory and Teaching Supplies	14710-GBS	ZoomHD - On Gliding Boom Stand Built-in 2.0MP CMOS camera and software with on-screen controls Wireless mouse included 1.0x lens, W.D. 110mm Optical zoom lens 0.7x—5.0x with click stops Integrated LED ring light with adjustable intensity, color temperature 5000-5500K 1080P HDMI output (20' HDMI cable included), 2 x USB 2.0 ports 100/240v; 50/60Hz; 12V, 3.3A power consumption Gliding boom stand with focusing dovetail mount Requires HD monitor (not included)	Unitron	14710-GBS	Each	$1,978.00	4.0%	$1,898.88
Science Laboratory and Teaching Supplies	14710-PM	ZoomHD With Post Mount - No Stand Built-in 2.0MP CMOS camera and software with on-screen controls Wireless mouse included 1.0x lens, W.D. 110mm Optical zoom lens 0.7x—5.0x with click stops Integrated LED ring light with adjustable intensity, color temperature 5000-5500K 1080P HDMI output (20' HDMI cable included), 2 x USB 2.0 ports 100/240v; 50/60Hz; 12V, 3.3A power consumption Focusing Post Mount with dovetail; fits ø32mm posts Requires stand with 32mm post (not included) Requires HD monitor (not included)	Unitron	14710-PM	Each	$1,493.00	4.0%	$1,433.28

Science Laboratory and Teaching Supplies	14710-PS	ZoomHD With Post Mount on Pole Stand Built-in 2.0MP CMOS camera and software with on-screen controls Wireless mouse included 1.0x lens, W.D. 110mm Optical zoom lens 0.7x—5.0x with click stops Integrated LED ring light with adjustable intensity, color temperature 5000-5500K 1080P HDMI output (20' HDMI cable included), 2 x USB 2.0 ports 100/240v; 50/60Hz; 12V, 3.3A power consumption Pole stand with focusing post mount Requires HD monitor (not included)	Unitron	14710-PS	Each	$1,608.00	4.0%	$1,543.68
Science Laboratory and Teaching Supplies	14711-BBS	ZoomHD With Integrated Monitor on Ball Bearing Boom Stand Same as above except with integrated 12" HD monitor HDMI cable	Unitron	14711-BBS	Each	$2,976.00	4.0%	$2,856.96
Science Laboratory and Teaching Supplies	14711-BS	ZoomHD With Integrated Monitor on Boom Stand Same as above except with integrated 12" HD monitor HDMI cable	Unitron	14711-BS	Each	$2,745.00	4.0%	$2,635.20
Science Laboratory and Teaching Supplies	14711-GBS	ZoomHD With Integrated Monitor on Gliding Boom Stand Same as above except with integrated 12" HD monitor HDMI cable	Unitron	14711-GBS	Each	$2,807.00	4.0%	$2,694.72
Science Laboratory and Teaching Supplies	14711-PM	ZoomHD - With Integrated Monitor & Post Mount - No Stand Same as above except with integrated 12" HD monitor HDMI cable	Unitron	14711-PM	Each	$2,324.00	4.0%	$2,231.04
Science Laboratory and Teaching Supplies	14711-PS	ZoomHD With Integrated Monitor on Pole Stand Same as above except with integrated 12" HD monitor HDMI cable	Unitron	14711-PS	Each	$2,439.00	4.0%	$2,341.44
Science Laboratory and Teaching Supplies	147-15-05	0.5x Objective - W.D. 170mm	Unitron	147-15-05	Each	$151.00	4.0%	$144.96
Science Laboratory and Teaching Supplies	14790-KP	Keypad KP2 Allows user to set up to 5 presets	Unitron	14790-KP	Each	$588.00	4.0%	$564.48
Science Laboratory and Teaching Supplies	14790-KP3	Keypad KP 3 Simple to use keypad interface, Instant “desktop” access to system functions Improves and tailors user access, Toggle through 5 preset graticules, improving workflow speed and system usability Removes any accidental system movement throughout your process	Unitron	14790-KP3	Each	$857.00	4.0%	$822.72
Science Laboratory and Teaching Supplies	14793-GS	INSPEX 3 With Gliding Arm Boom Stand Inspex 3 (CAT# 14793 -- same as above) Gliding Arm Boom Stand	Unitron	14793-GS	Each	$11,576.00	4.0%	$11,112.96
Science Laboratory and Teaching Supplies	14793-RB	INSPEX 3 With Ball Bearing Boom Stand Inspex 3 (CAT# 14793 -- same as above) Ball Bearing Boom Stand	Unitron	14793-RB	Each	$11,681.00	4.0%	$11,213.76
Science Laboratory and Teaching Supplies	14793-TS2	INSPEX 3 With Premium Track Stand Inspex 3 (CAT# 14793 -- same as above) Premium Track Stand	Unitron	14793-TS2	Each	$14,286.00	4.0%	$13,714.56
Science Laboratory and Teaching Supplies	148-001	Omni 3 Measurement & Graticule - for Omni Core & Omni 3 Intuitive on-screen full 2D measurement application. Point-to-point, diameter, angle, adjustable X-Y grid, shapes and annotation features to accommodate a multitude of samples and specifications. Graticule creation allows rapid sample analysis against on-screen digital templates with tolerance limits, enabling quick go/no-go defect analysis.	Unitron	148-001	Each	$3,041.00	4.0%	$2,919.36
Science Laboratory and Teaching Supplies	148-002	Omni 3 Image Stacking - for Omni Core & Omni 3 View a sample with different layers all in focus at the same time. Omni 3 automatically captures from 2 to 12 images at different focus positions and creates a single image based on the sharpest regions from each of these separate captures. The result is one image with all features of the 3-dimensional sample in focus at the same time.	Unitron	148-002	Each	$1,171.00	4.0%	$1,124.16
Science Laboratory and Teaching Supplies	148-003	Omni 3 Comparator Overlay - for Omni Core & Omni 3 Create an image overlay of a master image (gold sample) to identify defects by overlaying and flashing the live sample image against the stored master image. Enables rapid identification of differences between gold sample and test samples.	Unitron	148-003	Each	$1,171.00	4.0%	$1,124.16

Science Laboratory and Teaching Supplies	148-004	Omni 3 Comparator Side by Side - for Omni Core & Omni 3 Visually compare your live sample image to a stored master image (gold sample) in the form of a split screen. Add notes through annotation and save the comparison image for documentation for traceability. Enables rapid identification of differences between gold sample and test samples.	Unitron	148-004	Each	$1,171.00	4.0%	$1,124.16
Science Laboratory and Teaching Supplies	148-005	Omni 3 DXF Import and Export - for Omni Core & Omni 3 Import a range of DXF files to create graticules for overlay comparison with parts and samples. Imported DXF files can be edited and annotated on the Omni 3.	Unitron	148-005	Each	$2,029.00	4.0%	$1,947.84
Science Laboratory and Teaching Supplies	148-008	Omni 3 Z Height Measurement (requires CAT# 148-001) - for Omni 3 Measure in 3D on the new Omni 3. Now you can measure in the Z axis, in addition to the X and Y axes, bringing the Omni 3 capability to a whole new dimension. Rapidly inspect your parts up to five times quicker when compared to outdated manual inspection methods.	Unitron	148-008	Each	$3,199.00	4.0%	$3,071.04
Science Laboratory and Teaching Supplies	148-009	Omni 3 Color Analysis - for Omni 3 Advanced algorithms automatically calculate the color value of any sample. Identify contaminants or foreign objects within your sample. Eliminate human error and improve yield by up to 50%. Reports can be generated for easy documentation and traceability.	Unitron	148-009	Each	$2,682.00	4.0%	$2,574.72
Science Laboratory and Teaching Supplies	14800-KP	External Keypad Enables memory/recall, activates on-screen measuring grids, controls LED lighting, zoom and auto focus	Unitron	14800-KP	Each	$976.00	4.0%	$936.96
Science Laboratory and Teaching Supplies	148-010	Omni 3 Object Counting - for Omni 3 Automatically identify and count the number of objects within your region of interest. Increase efficiency by 70% whilst eliminating human error. Significantly reduce the time spent manually counting parts while reducing costly overheads. Report generation is quick and simple for easy documentation and traceability.	Unitron	148-010	Each	$3,340.00	4.0%	$3,206.40
Science Laboratory and Teaching Supplies	148-011	Omni 3 Measurement Bundle - for Omni 3 (includes CAT# 148-001 and 148-008)	Unitron	148-011	Each	$5,380.00	4.0%	$5,164.80
Science Laboratory and Teaching Supplies	14837A	Premium Track Stand Monitor Mount Adapter Required to mount 14837 Monitor Mount to Premium Track Stand	Unitron	14837A	Each	$542.00	4.0%	$520.32
Science Laboratory and Teaching Supplies	14858-5558	Step up adapter for CAT# 111-15-01, for use with polarizing ring light (CAT# 14858)	Unitron	14858-5558	Each	$34.00	4.0%	$32.64
Science Laboratory and Teaching Supplies	149-12-24	24mm eyepiece reticle, Austenite grain size	Unitron	149-12-24	Each	$193.00	4.0%	$185.28
Science Laboratory and Teaching Supplies	15000-BD	Inverted Metallurgical Microscope - With BF/DF Objectives Trinocular viewing head, inclined at 45°, IPD 50mm -75mm Viewing split: 100% Binocular or 100%Trinocular PL10x/22mm focusable eyepiece with diopter adjustment and eyeguard. Eyepiece accepts a 24mm reticle Infinity M LWD Plan Achromat BF/DF 5x,10x, 20x, and semi-apo 50x objectives Encoded BF/DF Quintuple nosepiece with DIC slot ECO Function 12 volt 100 watt halogen illuminator Coaxial coarse and fine focusing controls Integrated three layer rackless mechanical stage right hand coaxial controls, movement range 50 x 50mm ø12mm and ø25mm teardrop stage plate inserts, crescent shaped stage plate insert to allow for rotation of high magnification objectives, Simple polarizer and analyzer Optional: Ø32mm LBD, yellow and green filters Dust cover, instruction manual, universal power supply 100 - 240v, CE and RoHS compliant	Unitron	15000-BD	Each	$12,103.00	4.0%	$11,618.88
Science Laboratory and Teaching Supplies	150-13-12	ø12 mm stage plate insert	Unitron	150-13-12	Each	$86.00	4.0%	$82.56
Science Laboratory and Teaching Supplies	150-13-25	ø25 mm stage plate insert	Unitron	150-13-25	Each	$86.00	4.0%	$82.56
Science Laboratory and Teaching Supplies	150-13-CA	Clear acrylic with Ø30 mm opening	Unitron	150-13-CA	Each	$86.00	4.0%	$82.56
Science Laboratory and Teaching Supplies	150-13-CS	Crescent shaped stage plate insert for easy rotation of high magnification objectives	Unitron	150-13-CS	Each	$86.00	4.0%	$82.56
Science Laboratory and Teaching Supplies	150-15-05	5x LWD BF/DF DIC M plan achromat objective, N.A. 0.15, W.D. 10.8mm	Unitron	150-15-05	Each	$633.00	4.0%	$607.68
Science Laboratory and Teaching Supplies	150-15-10	10x LWD BF/DF DIC M plan achromat objective, N.A. 0.30, W.D. 12.2mm	Unitron	150-15-10	Each	$741.00	4.0%	$711.36

Science Laboratory and Teaching Supplies	150-15-100	100x dry LWD BF/DF DIC M plan achromat objective, N.A. 0.80, W.D. 2.1mm	Unitron	150-15-100	Each	$2,253.00	4.0%	$2,162.88
Science Laboratory and Teaching Supplies	150-15-20	20x LWD BF/DF DIC M plan achromatic objective, N.A. 0.45, W.D. 4.0mm	Unitron	150-15-20	Each	$899.00	4.0%	$863.04
Science Laboratory and Teaching Supplies	150-15-50	50x LWD BF/DF DIC M semi-apo objective, N.A. 0.55, W.D. 7.9mm	Unitron	150-15-50	Each	$2,233.00	4.0%	$2,143.68
Science Laboratory and Teaching Supplies	150-20-02	DIC for Versamet 4	Unitron	150-20-02	Each	$4,600.00	4.0%	$4,416.00
Science Laboratory and Teaching Supplies	150-20-09	Polarizer Slider	Unitron	150-20-09	Each	$526.00	4.0%	$504.96
Science Laboratory and Teaching Supplies	150-20-12	Analyzer slider 360° rotating	Unitron	150-20-12	Each	$628.00	4.0%	$602.88
Science Laboratory and Teaching Supplies	150-30-100	12v 100w Philips lamp, G6.35 pin spacing, 3200k, rated life 1,000 hours, pack of 1	Unitron	150-30-100	Each	$73.00	4.0%	$70.08
Science Laboratory and Teaching Supplies	15345-I	Gliding Boom Stand for Inspex 3 Gliding arm boom with extended reach Horizontal arm with bonder port and focus block Weighted base for increased stability Base dimensions 10-1/4" x 8-1/4", 13-7/8" vertical post, 22-1/4" horizontal post	Unitron	15345-I	Each	$846.00	4.0%	$812.16
Science Laboratory and Teaching Supplies	15554P	Metal Stage Micrometer - Metric (mm), 1mm/100 divisions Traceable	Unitron	15554P	Each	$984.00	4.0%	$944.64
Science Laboratory and Teaching Supplies	15636BB-OI	Ball Bearing Boom Stand Dual arm boom with extended reach for viewing large areas Horizontal arm with bonder port and focus block Weighted base for increased stability 584mm (L) x 260mm (W) x 400mm (H); footprint: 260mm (L) x 260mm (W)	Unitron	15636BB-OI	Each	$923.00	4.0%	$886.08
Science Laboratory and Teaching Supplies	162-10-10	CWF 10x focusable eyepiece, 22mm field of view	Unitron	162-10-10	Each	$136.00	4.0%	$130.56
Science Laboratory and Teaching Supplies	162-10-16	CWF 16x focusable eyepiece, 16mm field of view	Unitron	162-10-16	Each	$150.00	4.0%	$144.00
Science Laboratory and Teaching Supplies	162-10-20	CWF 20x focusable eyepiece, 13mm field of view	Unitron	162-10-20	Each	$169.00	4.0%	$162.24
Science Laboratory and Teaching Supplies	162-10-25	CWF 25x focusable eyepiece, 13mm field of view	Unitron	162-10-25	Each	$185.00	4.0%	$177.60
Science Laboratory and Teaching Supplies	162-10-30	CWF 30x focusable eyepiece, 9mm field of view	Unitron	162-10-30	Each	$258.00	4.0%	$247.68
Science Laboratory and Teaching Supplies	162-11-03	Ergo binocular viewing head, tilt from 0° to 35°	Unitron	162-11-03	Each	$5,758.00	4.0%	$5,527.68
Science Laboratory and Teaching Supplies	162-15-02	2x auxiliary objective, Working distance -- 40mm	Unitron	162-15-02	Each	$363.00	4.0%	$348.48
Science Laboratory and Teaching Supplies	162-15-04	0.4x auxiliary objective, Working distance -- 120mm	Unitron	162-15-04	Each	$328.00	4.0%	$314.88
Science Laboratory and Teaching Supplies	162-20-01	1w coaxial LED illuminator	Unitron	162-20-01	Each	$434.00	4.0%	$416.64
Science Laboratory and Teaching Supplies	162-20-02	Fluorescent illuminator on gooseneck	Unitron	162-20-02	Each	$391.00	4.0%	$375.36
Science Laboratory and Teaching Supplies	162-20-03	3w transmitted LED illuminator (48 bulbs)	Unitron	162-20-03	Each	$447.00	4.0%	$429.12
Science Laboratory and Teaching Supplies	162-20-04	LED illuminator with focusing lens on gooseneck	Unitron	162-20-04	Each	$391.00	4.0%	$375.36
Science Laboratory and Teaching Supplies	162-20-05	Daylight LED light for use in CAT# 162-20-04	Unitron	162-20-05	Each	$411.00	4.0%	$394.56
Science Laboratory and Teaching Supplies	162-20-06	Red LED light for use in CAT# 162-20-04	Unitron	162-20-06	Each	$411.00	4.0%	$394.56
Science Laboratory and Teaching Supplies	162-20-07	UV LED light for use in CAT# 162-20-04	Unitron	162-20-07	Each	$411.00	4.0%	$394.56
Science Laboratory and Teaching Supplies	162-20-08	Green LED light for use in CAT# 162-20-04	Unitron	162-20-08	Each	$411.00	4.0%	$394.56
Science Laboratory and Teaching Supplies	162-20-16	Polarizer/analyzer	Unitron	162-20-16	Each	$311.00	4.0%	$298.56
Science Laboratory and Teaching Supplies	162-20-21	Motorized table, V shaped top 24" x 46"..Built -in outlets, casters on base	Unitron	162-20-21	Each	$2,594.00	4.0%	$2,490.24
Science Laboratory and Teaching Supplies	162-20-25	Universal bullet holder	Unitron	162-20-25	Each	$1,488.00	4.0%	$1,428.48
Science Laboratory and Teaching Supplies	162-20-26	Flat, tiltable, rotatable stage	Unitron	162-20-26	Each	$1,279.00	4.0%	$1,227.84
Science Laboratory and Teaching Supplies	162-20-27	Diaphragm bullet holder	Unitron	162-20-27	Each	$806.00	4.0%	$773.76
Science Laboratory and Teaching Supplies	162-20-28	Remote phospher LED illuminator on gooseneck, 3 color temperatures, plates included	Unitron	162-20-28	Each	$2,232.00	4.0%	$2,142.72
Science Laboratory and Teaching Supplies	162-25-01	1x c-mount adapter for digital camera	Unitron	162-25-01	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	162-25-04	0.4x c-mount adapter for digital camera	Unitron	162-25-04	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	162-25-PT	Photo tube	Unitron	162-25-PT	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	2005-1M	1x focusable c-mount adapter to mount into photo tube	Unitron	2005-1M	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	2005-5M	0.50x c-mount adapter with focus adjustment	Unitron	2005-5M	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	2005-75M	0.75x focusable c-mount adapter to mount into photo tube	Unitron	2005-75M	Each	$189.00	4.0%	$181.44

Science Laboratory and Teaching Supplies	21004-LP	microFOCUS 4K Digital Inspection Microscope On Pole Stand Built-in 2160p UHD CMOS camera and software with on-screen controls Wireless mouse included Integrated LED ring light Autofocus microscope with 30fps frame rate (HDMI, Ethernet, USB) W.D. 250mm, depth of focus 205mm - 255mm Continuous optical zoom 1x—18x 2160p/1080P HDMI output, autosensing (HDMI cable included) Data transfer via USB 2.0 port, SD card slot (SD card not included), LAN port (Ethernet cable not included). Data transfer to PC requires free software and Windows PC (not included). 76mm diameter LED ring light serves as mounting ringand fits most stereo microscope stands; 1/4 - 20 tapped mounting hole available Pole stand with focus mount and 390mm pole Requires 4K or HD monitor (not included)	Unitron	21004-LP	Each	$2,184.00	4.0%	$2,096.64
Science Laboratory and Teaching Supplies	22004-LP	enVision AF On Pole Stand Built-in 1080p HD CMOS camera and software with on-screen controls Wireless mouse included Autofocus microscope with 60fps frame rate W.D. 10cm - ∞ Continuous optical zoom 1x—14x 1080P HDMI output (HDMI cable included), 2 x USB 2.0 ports, LAN port (data transfer via LAN requires free software and Ethernet cable and Windows PC (not included) 76mm diameter mounting ring fits most stereo microscope stands; 1/4 - 20 and M4 tapped mounting holes available Pole stand with 390mm pole and focus mount Requires HD monitor (not included)	Unitron	22004-LP	Each	$2,866.00	4.0%	$2,751.36
Science Laboratory and Teaching Supplies	400-3113-24	WF10x/22mm focusable eyepiece with diopter adjustment and eyeguard cushion. Accepts 24mm eyepiece reticle.	Unitron	400-3113-24	Each	$117.00	4.0%	$112.32
Science Laboratory and Teaching Supplies	400-3131	Eyeguard cushion (pair)	Unitron	400-3131	Each	$22.00	4.0%	$21.12
Science Laboratory and Teaching Supplies	500-3113-25	WF10x/25mm focusable eyepiece with diopter adjustment and eyeguard (each). Accepts 26.5mm reticle.	Unitron	500-3113-25	Each	$246.00	4.0%	$236.16
Science Laboratory and Teaching Supplies	75-2010-1	1.0x c-mount adapter for 1" chip sensor, focusable	Unitron	75-2010-1	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-35	0.35x c-mount adapter for 1/3" chip sensor, focusable	Unitron	75-2010-35	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-50	0.5x c-mount adapter for 1/2" chip sensor, focusable	Unitron	75-2010-50	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-65	0.65x c-mount adapter for 2/3" chip sensor, focusable	Unitron	75-2010-65	Each	$262.00	4.0%	$251.52
Science Laboratory and Teaching Supplies	75-2010-P	Photo tube, focusable	Unitron	75-2010-P	Each	$191.00	4.0%	$183.36
Science Laboratory and Teaching Supplies	SCL03	Self Centering Lens Mount, Holds Optics from Ø0.15" (Ø3.8 mm) to Ø1.77" (Ø45.0 mm), Non-Marring Delrin®* Fingers with Alignment Grooves Firmly Grip the Edge of the Optic Self-Centering Spring-Actuated Design	Unitron	SCL03	Each	$601.00	4.0%	$576.96
Science Laboratory and Teaching Supplies	131-13-05-NL	Plain focusing stand with ø76mm pod holder, 100mm focusing travel, removable pod holder can be placed on (2) positions on the focus block, 240mm (L) x 290mm (D) x 318mm (H) black and white contrast plate	Unitron	131-13-05-NL	Each	$328.00	4.0%	$314.88
Science Laboratory and Teaching Supplies	131-13-01	Plain focusing stand with ø76mm pod holder, 105mm focusing travel, removable pod holder can be placed on (2) positions on the focus block, 240mm (L) x 280mm (D) x 318mm (H) black and white contrast plate	Unitron	131-13-01	Each	$355.00	4.0%	$340.80
Science Laboratory and Teaching Supplies	131-13-17	Pole stand with focus mount, 305mm pole height, 193mm focusing travel, 240mm (L) x 290mm (D) x 318mm (H), black and white contrast plate	Unitron	131-13-17	Each	$328.00	4.0%	$314.88
Science Laboratory and Teaching Supplies	131-14-18	Focus mount for pole stand with Ø32mm opening for post, nylon rack gear	Unitron	131-14-18	Each	$251.00	4.0%	$240.96
Science Laboratory and Teaching Supplies	78-14-18	Focus mount for pole stand with Ø32mm opening for post, aluminum rack gear	Unitron	78-14-18	Each	$273.00	4.0%	$262.08

Science Laboratory and Teaching Supplies	78-13-07	Pole stand with focus mount, 300mm pole height, black and white plate, 213mm (L) x 262mm (D) x 300mm (H), fixed stage clips	Unitron	78-13-07	Each	$215.00	4.0%	$206.40
Science Laboratory and Teaching Supplies	15345	Gliding arm boom stand, horizontal arm with bonder port, base dimensions 12" x 15-3/4", 13-7/8" vertical post, 22-1/4" horizontal post	Unitron	15345	Each	$478.00	4.0%	$458.88
Science Laboratory and Teaching Supplies	15636A	Universal boom stand with Delrin® inserts in focus block for extra smooth movements, horizontal arm with bonder port, base dimensions 10" x 10", 14 3/8" vertical post, 20 3/8" horizontal post	Unitron	15636A	Each	$370.00	4.0%	$355.20
Science Laboratory and Teaching Supplies	15636CS	Microscope Boom Stand with C-Clamp, single arm, heavy duty	Unitron	15636CS	Each	$859.00	4.0%	$824.64
Science Laboratory and Teaching Supplies	23798	Floor stand with casters and articulated V7 arm with focus mount 23mm	Unitron	23798	Each	$2,436.00	4.0%	$2,338.56
Science Laboratory and Teaching Supplies	23799	Weight for CAT# 23798 Floor Stand w/hardware, 12kg	Unitron	23799	Each	$270.00	4.0%	$259.20
Science Laboratory and Teaching Supplies	15636EP	Ball bearing boom stand extension post - 9"	Unitron	15636EP	Each	$92.00	4.0%	$88.32
Science Laboratory and Teaching Supplies	15350	Flexible arm stand, lockable 14.5" vertical motion range, 3 foot scanable range, adjustable counterbalanced support use with CAT# 15349, 15350-TM, 15350-WM, or 15351	Unitron	15350	Each	$433.00	4.0%	$415.68
Science Laboratory and Teaching Supplies	15350-TM	Table mount for flexible arm stand (CAT# 15350); attaches w/4 screws (not included)	Unitron	15350-TM	Each	$115.00	4.0%	$110.40
Science Laboratory and Teaching Supplies	15350-WM	Wall mount for flexible arm stand (CAT# 15350); attaches w/4 screws (not included)	Unitron	15350-WM	Each	$120.00	4.0%	$115.20
Science Laboratory and Teaching Supplies	15351	Horizontal or vertical c-clamp mount for use with Flexible Arm Stand CAT# 15350	Unitron	15351	Each	$188.00	4.0%	$180.48
Science Laboratory and Teaching Supplies	75-3354	Bonder arm (E-Arm) with ø76mm pod holder, 5/8" mounting pin	Unitron	75-3354	Each	$210.00	4.0%	$201.60
Science Laboratory and Teaching Supplies	131-13-04	Plain focusing stand with 6v30w variable Nicholas Illuminator and external power supply, B&W stage plate	Unitron	131-13-04	Each	$689.00	4.0%	$661.44
Science Laboratory and Teaching Supplies	78-13-11	LED Stand, variable LED incident and transmitted illumination coarse focusing stand, 100mm focusing travel, 5w variable LED transmitted and reflected illuminators, ø76mm pod holder, stage clips, universal power supply, 175mm (L) x 275mm (D) x 300mm (H)	Unitron	78-13-11	Each	$198.00	4.0%	$190.08
Science Laboratory and Teaching Supplies	131-13-12-NL	E-LED Stand, variable LED incident and transmitted illumination coarse focusing stand, 100mm focusing travel, ø76mm pod holder, stage clips, universal power supply, 260mm (L) x 184mm (D) x 267mm (H)	Unitron	131-13-12-NL	Each	$402.00	4.0%	$385.92
Science Laboratory and Teaching Supplies	131-13-11	LED Stand, variable incident (12v/2w) and transmitted (12v4w) coarse focus stand, 100mm focusing travel, ø76mm pod holder, stage clips, universal power supply, 240mm (L) x 292mm (D) x 318mm (H)	Unitron	131-13-11	Each	$700.00	4.0%	$672.00
Science Laboratory and Teaching Supplies	131-13-13	LED Stand, variable incident (12v/2w) and transmitted (12v4w) coaxial coarse and fine focus stand, 100mm focusing travel, ø76mm pod holder, stage clips, universal power supply, 240mm (L) x 292mm (D) x 318mm (H)	Unitron	131-13-13	Each	$762.00	4.0%	$731.52
Science Laboratory and Teaching Supplies	131-13-30	6 Volt 30 Watt halogen power supply	Unitron	131-13-30	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	131-13-30IL	Nicholas Illuminator only, with lamp cord	Unitron	131-13-30IL	Each	$109.00	4.0%	$104.64
Science Laboratory and Teaching Supplies	131-13-28	Diascopic stand with 76mm focus mount, LED transmitted light, 105mm focus travel, arm rests	Unitron	131-13-28	Each	$1,378.00	4.0%	$1,322.88
Science Laboratory and Teaching Supplies	131-13-28-LED	Replacement LED lamphouse for 131-13-28 diascopic stand, bottom illumination	Unitron	131-13-28-LED	Each	$339.00	4.0%	$325.44
Science Laboratory and Teaching Supplies	131-13-29	Oblique Illumination Contrast (OIC) diascopic stand, internal LED illumination, coaxial coarse/fine focusing, sliding contrast lever, Φ76mm microscope mount; optimal oblique contrast is obtained at 50x magnification and up (same as other leading brands)	Unitron	131-13-29	Each	$2,415.00	4.0%	$2,318.40
Science Laboratory and Teaching Supplies	131-13-20	Gem Stand with tiltable, 325° rotatable base, darkfield halogen illuminator with sliding baffle and iris diaphragm, overhead fluorescent illuminator, LED light guide, wire gem clamp	Unitron	131-13-20	Each	$1,895.00	4.0%	$1,819.20
Science Laboratory and Teaching Supplies	131-13-22	Stage mounted variable LED light guide for Gem Stand with RCA connection (only used as replacement part for Gem Stands with serial number 19XXXX and lower)	Unitron	131-13-22	Each	$86.00	4.0%	$82.56
Science Laboratory and Teaching Supplies	131-13-22A	Stage mounted variable LED light guide for Gem Stand with 2-pin connection (only used as replacement part for Gem Stands with serial number 20XXXX and higher)	Unitron	131-13-22A	Each	$72.00	4.0%	$69.12
Science Laboratory and Teaching Supplies	131-20-05	Black and white stage plate, 125mm for Plain Focusing & Pole Stand	Unitron	131-20-05	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-20-07	Black and white stage plate, 95mm for E-LED	Unitron	131-20-07	Each	$45.00	4.0%	$43.20

Science Laboratory and Teaching Supplies	131-20-08	Black and white stage plate, 100mm for LED Stand	Unitron	131-20-08	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-20-14	Frosted glass stage plate, 95mm for E-LED stand	Unitron	131-20-14	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-20-15	**Clear glass stage plate, 100mm for LED stand, 2.5mm thick**	Unitron	131-20-15	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-20-17	Frosted glass stage plate, 100mm for Diascopic stand	Unitron	131-20-17	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-20-18	Clear glass stage plate, 100mm for Diascopic stand, 5.5mm thick	Unitron	131-20-18	Each	$45.00	4.0%	$43.20
Science Laboratory and Teaching Supplies	131-13-28-GP	Clear glass stage plate, 180mm for Diascopic stand (CAT# 131-13-28)	Unitron	131-13-28-GP	Each	$68.00	4.0%	$65.28
Science Laboratory and Teaching Supplies	3347	Wire gem clamp with mounting post	Unitron	3347	Each	$60.00	4.0%	$57.60
Science Laboratory and Teaching Supplies	3347-RH	Ring holder with mounting post	Unitron	3347-RH	Each	$81.00	4.0%	$77.76
Science Laboratory and Teaching Supplies	3347-IP	Inclusion Pointer	Unitron	3347-IP	Each	$80.00	4.0%	$76.80
Science Laboratory and Teaching Supplies	15852	LED ring illuminator, variable intensity, separate power supply, 62mm I.D.	Unitron	15852	Each	$208.00	4.0%	$199.68
Science Laboratory and Teaching Supplies	15854	LED ring illuminator, variable intensity, sectional light control, 60.5mm I.D.	Unitron	15854	Each	$230.00	4.0%	$220.80
Science Laboratory and Teaching Supplies	15855	LED Ring illuminator, variable intensity, with polarizer, 62mm I.D.	Unitron	15855	Each	$443.00	4.0%	$425.28
Science Laboratory and Teaching Supplies	15856	LED ring illuminator, variable intensity control knob, 60.5mm I.D.	Unitron	15856	Each	$204.00	4.0%	$195.84
Science Laboratory and Teaching Supplies	15857	LED dual gooseneck 3 watt illuminator, variable light control	Unitron	15857	Each	$304.00	4.0%	$291.84
Science Laboratory and Teaching Supplies	15919	LED 8 point ring illuminator, variable intensity control, ESD safe, RoHS compliant	Unitron	15919	Each	$207.00	4.0%	$198.72
Science Laboratory and Teaching Supplies	15918	24 watt variable LED illuminator, for use with Diascopic stand (CAT# 112-13-08) and single fiber optic flexible light guide (CAT# 112-20-01)	Unitron	15918	Each	$655.00	4.0%	$628.80
Science Laboratory and Teaching Supplies	112-20-01	Fiber optic flexible light guide, 500mm, for use with LED Illuminator (CAT# 15918) and Diascopic stand (CAT# 112-13-09)	Unitron	112-20-01	Each	$362.00	4.0%	$347.52
Science Laboratory and Teaching Supplies	16103-DG	Mi-LED fiber optic illuminator, dual gooseneck with focusing lenses	Unitron	16103-DG	Each	$1,784.00	4.0%	$1,712.64
Science Laboratory and Teaching Supplies	16103	Mi-LED fiber optic illuminator (no light guides or ring lights)	Unitron	16103	Each	$1,185.00	4.0%	$1,137.60
Science Laboratory and Teaching Supplies	16102	MI-150 150W fiber optic power illuminator (no light guides or ring lights)	Unitron	16102	Each	$945.00	4.0%	$907.20
Science Laboratory and Teaching Supplies	16084	Fiber optic ringlight with 55mm locking ring to fit flush with stereo nose cone	Unitron	16084	Each	$844.00	4.0%	$810.24
Science Laboratory and Teaching Supplies	000000-0069-551	Ball-shaped allen key 3 mm	Carl Zeiss	000000-0069-551	Each	$8.56	4.0%	$8.22
Science Laboratory and Teaching Supplies	000000-1057-784	Knurled screw	Carl Zeiss	000000-1057-784	Each	$8.56	4.0%	$8.22
Science Laboratory and Teaching Supplies	000000-0586-605	System table, large, air damped, level regulated pressured air supply necessary, long side open, with breadboard, 2000x750mm	Carl Zeiss	000000-0586-605	Each	$0.01	4.0%	$0.01
Science Laboratory and Teaching Supplies	434000-9010-000	Smartzoom 5 ID with serial number (G) Smartzoom 5 system identification card with serial number and service contact data	Carl Zeiss	434000-9010-000	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	000000-1046-277	Reflector module DIC P&C	Carl Zeiss	000000-1046-277	Each	$1,680.97	4.0%	$1,613.73
Science Laboratory and Teaching Supplies	000000-1105-189	Reflector module C-DIC/DIC/TIC P&C for reflected light optimized for circular DIC in reflected light, for use with C-DIC/ TIC sliders 6x20, not suitable for polarization	Carl Zeiss	000000-1105-189	Each	$813.20	4.0%	$780.67
Science Laboratory and Teaching Supplies	423052-9640-000	Solid-State Light Source Colibri 5, Type RGB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable. Equipped with 4 solid state LED lamps. Red (630nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Green (555nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (475nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery.	Carl Zeiss	423052-9640-000	Each	$7,312.38	4.0%	$7,019.88
Science Laboratory and Teaching Supplies	423052-9710-000	Solid-State Light Source Colibri 7, Type RGB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 4 solid state LED lamps. Red (630nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Green (555nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (475nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery.	Carl Zeiss	423052-9710-000	Each	$8,881.00	4.0%	$8,525.76

Science Laboratory and Teaching Supplies	423052-9720-000	Solid-State Light Source Colibri 7, Type RYB-UV 4-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 4 solid state LED lamps. Red (630nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (590nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Blue (475nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery.	Carl Zeiss	423052-9720-000	Each	$8,881.00	4.0%	$8,525.76
Science Laboratory and Teaching Supplies	423052-9730-000	Solid-State Light Source Colibri 7, Type R[G/Y]B-UV 5-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 5 excitation lines. Red (630nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (590nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green (555nm) for excitation of Cy3, TRITC, DsRed and similar dyes Blue (475nm) for excitation of eGFP, Fluo4, FITC and similar dyes UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery.	Carl Zeiss	423052-9730-000	Each	$8,054.96	4.0%	$7,732.76
Science Laboratory and Teaching Supplies	423052-9741-000	Solid-State Light Source Colibri 7, Type R[G/Y]CBV-UV 7-channel fluorescence light source with integrated control unit for continuous brightness adjustment, quickly switchable and stable on the long term. With integrated monitor diode for repetitious brightness adjustment. Equipped with 7 excitation lines. Red (630nm) for excitation of Cy5, Alexa 631, TOTO-3 and similar dyes Yellow (590nm) for excitation of mCherry, Alexa 568, mPlum and similar dyes Green (555nm) for excitation of Cy3, TRITC, DsRed and similar dyes Cyan (511nm) for excitation of eYFP, Eosin, TOTO-1 and similar dyes Blue (475nm) for excitation of eGFP, Fluo4, FITC and similar dyes Violet (430nm) for excitation of eCFP, Lucifer Yellow, Alexa 430 and similar dyes UV (385nm) for excitation of DAPI, Alexa 405, Hoechst 33258 and similar dyes A country-specific power cable and a desktop power supply are included in delivery.	Carl Zeiss	423052-9741-000	Each	$10,533.08	4.0%	$10,111.76
Science Laboratory and Teaching Supplies	435540-9001-000	Flexible light guide 1500 ECO, 4.5/800 mm (D)	Carl Zeiss	435540-9001-000	Each	$119.84	4.0%	$115.05
Science Laboratory and Teaching Supplies	381619-0000-000	Burner Mercury - HBO 50 AC L1 (F)	Carl Zeiss	381619-0000-000	Each	$195.81	4.0%	$187.98
Science Laboratory and Teaching Supplies	453616-0000-000	Plug-in polarizer D	Carl Zeiss	453616-0000-000	Each	$194.74	4.0%	$186.95
Science Laboratory and Teaching Supplies	428105-0000-000	Depolarization slider D/A position 1 with quartz depolarizer, position 2 with clear aperture to allow mounting of filters with dia. 32 mm	Carl Zeiss	428105-0000-000	Each	$1,040.04	4.0%	$998.44
Science Laboratory and Teaching Supplies	000000-1005-832	Specimen stage 250x230 mm with ceramic surface and 3-point support	Carl Zeiss	000000-1005-832	Each	$385.20	4.0%	$369.79
Science Laboratory and Teaching Supplies	432002-0000-000	Mechanical stage 75x50 with ceramic coating, drive on the right 240 x 170 mm stage plate, with 150 mm coaxial drive, extendable in length by 15 mm, friction setting without any tools	Carl Zeiss	432002-0000-000	Each	$813.20	4.0%	$780.67
Science Laboratory and Teaching Supplies	000000-1105-157	Rotary stage Pol with clickstops including 2 stage clips	Carl Zeiss	000000-1105-157	Each	$1,608.21	4.0%	$1,543.88
Science Laboratory and Teaching Supplies	000000-1005-828	Binocular phototube with sliding prism 45°/23 (100 % vis : 0% doc / 0% vis : 100% doc / 50% vis : 50% doc) with Bertrand lens and manual shutter for vis	Carl Zeiss	000000-1005-828	Each	$5,010.81	4.0%	$4,810.38
Science Laboratory and Teaching Supplies	452184-0000-000	Intermediate tube Pol for orthoscopy and conoscopy including quartz depolarizer, switchable reticle, focusing Bertrand lens and iris stop for the conoscopy of crystals >= 10 µm	Carl Zeiss	452184-0000-000	Each	$8,036.77	4.0%	$7,715.30
Science Laboratory and Teaching Supplies	452194-0000-000	"Optovar" module 1.6x (only for transmitted light)	Carl Zeiss	452194-0000-000	Each	$1,361.04	4.0%	$1,306.60
Science Laboratory and Teaching Supplies	445305-0000-000	Annular diaphragm Ph 1, insertable (for 445302)	Carl Zeiss	445305-0000-000	Each	$82.39	4.0%	$79.09
Science Laboratory and Teaching Supplies	445307-0000-000	Annular diaphragm Ph 3, insertable (for 445302)	Carl Zeiss	445307-0000-000	Each	$85.60	4.0%	$82.18
Science Laboratory and Teaching Supplies	000000-0460-275	Power supply 24V DC 30W SteREO (D)	Carl Zeiss	000000-0460-275	Each	$161.57	4.0%	$155.11
Science Laboratory and Teaching Supplies	000000-1065-969	Accessory darkfield transillumination for stand C / C LED	Carl Zeiss	000000-1065-969	Each	$135.89	4.0%	$130.45
Science Laboratory and Teaching Supplies	466051-0000-000	Filter holder for lamp housing 10	Carl Zeiss	466051-0000-000	Each	$87.74	4.0%	$84.23
Science Laboratory and Teaching Supplies	435422-9070-000	Polarizer C LED, epi-illumination	Carl Zeiss	435422-9070-000	Each	$144.45	4.0%	$138.67
Science Laboratory and Teaching Supplies	000000-1116-057	Tempcontrol 37 (1 channel)	Carl Zeiss	000000-1116-057	Each	$1,806.16	4.0%	$1,733.91
Science Laboratory and Teaching Supplies	000000-1116-058	Incubator M	Carl Zeiss	000000-1116-058	Each	$2,741.34	4.0%	$2,631.69
Science Laboratory and Teaching Supplies	000000-1116-060	Incubator S-M for heating inserts M06/M12/M24/M96	Carl Zeiss	000000-1116-060	Each	$3,481.78	4.0%	$3,342.51

Science Laboratory and Teaching Supplies	411860-9902-000	Incubator S for heating insert P	Carl Zeiss	411860-9902-000	Each	$3,587.71	4.0%	$3,444.20
Science Laboratory and Teaching Supplies	410799-4022-000	ZMCC Bay Area Workshop - Virtual	Carl Zeiss	410799-4022-000	Each	$267.50	4.0%	$256.80
Science Laboratory and Teaching Supplies	415500-1800-000	Dust cover L450xB150xH500 mm for Primo Star and Stemi 305/508	Carl Zeiss	415500-1800-000	Each	$12.84	4.0%	$12.33
Science Laboratory and Teaching Supplies	415510-1901-000	Dust cover L650xW270xH500 mm	Carl Zeiss	415510-1901-000	Each	$13.91	4.0%	$13.35
Science Laboratory and Teaching Supplies	000000-1054-084	Stemi box C /C LED (D) - for Stemi DV4 and stand C / C LED - dimensions W 350 x H 400 x D 280 mm - weight 10 kg	Carl Zeiss	000000-1054-084	Each	$261.08	4.0%	$250.64
Science Laboratory and Teaching Supplies	000000-1053-114	Rubber cup for focusing drive knob	Carl Zeiss	000000-1053-114	Each	$4.28	4.0%	$4.11
Science Laboratory and Teaching Supplies	415105-0110-036	Distance ring, objectives M27	Carl Zeiss	415105-0110-036	Each	$14.98	4.0%	$14.38
Science Laboratory and Teaching Supplies	662012-0206-002	NEO q-das out, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0206-002	Each	$2,402.15	4.0%	$2,306.06
Science Laboratory and Teaching Supplies	662012-0206-006	NEO pixel, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0206-006	Each	$6,562.31	4.0%	$6,299.82
Science Laboratory and Teaching Supplies	662012-0206-011	NEO PiWeb reporting plus, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0206-011	Each	$1,209.10	4.0%	$1,160.74
Science Laboratory and Teaching Supplies	662012-0206-103	NEO autocad in, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0206-103	Each	$2,495.24	4.0%	$2,395.43
Science Laboratory and Teaching Supplies	000000-0591-463	USB 3.0 Card PCIe EX-11092 (O) - PCIe USB 3.0 Interface card EX-11092-2 with two screwable external connectors - Compatible to Microsoft® Windows Standard Open HCD driver - Compliant with PCI Express Gen2 Specifications - Compatible with PCIe x1 up to x16 slot - max. date transfer rate 1 x 5 Gbit/s - backward compatible to USB 1.1 and 2.0 - incl. Low Profile bracket - no external power supply required Microsoft and Microsoft Surface are trademarks of the Microsoft group	Carl Zeiss	000000-0591-463	Each	$129.47	4.0%	$124.29
Science Laboratory and Teaching Supplies	410376-0100-000	Language Package Windows 10 Enterprise Embedded x64 German (O) - Windows 10 IoT Enterprise 2015 LTSB Embedded x64 operating system - Keyboard with german layout	Carl Zeiss	410376-0100-000	Each	$0.01	4.0%	$0.01
Science Laboratory and Teaching Supplies	410350-3000-000	LCD TFT Monitor M9179 Cinema Display 30" (75 cm) (D) Max. resolution: 2560 x 1600 pixel Brightness: 250 cd/m2 Contrast: 400:1 Standard: TCO '03 Viewing angle: horizontal 170 degree vertical 170 degree 1 Video Input: DVI-I dual link Operating voltage: 110-240 V, 50/60 Hz Incl. ATI Fire GL V71000 PCI Express Graphics Card with 256 MB GDDR3 memory, DirectX® 9.0 and OpenGL® 1.5 support, Dual DVI-I connection supports any combination of digital and analog displays, 3D resolutions (32-bit color) up to 3840 x 2400	Carl Zeiss	410350-3000-000	Each	$6,803.06	4.0%	$6,530.94
Science Laboratory and Teaching Supplies	430039-5081-000	Trigger cable evolve 512 delta, LEMO (D) for connection with Celldiscoverer 7	Carl Zeiss	430039-5081-000	Each	$0.01	4.0%	$0.01
Science Laboratory and Teaching Supplies	410135-1001-000	ZEN lite basic software (O) ZEN lite with reduced basic functionality and user interface of ZEN pro, desk or system. Drivers for Axiocam cameras, image acquisition (SNAPs) and viewer, no microscope control. Panorama for acquisition of Tiles Images with manual stage and manual Extended Focus (EDF) capability.	Carl Zeiss	410135-1001-000	Each	$1.07	4.0%	$1.03

Science Laboratory and Teaching Supplies	410135-1010-000	ZEN starter basic software (O) ZEN starter with basic functionality and user interface of ZEN core. Drivers for Axiocam cameras and image acquisition (SNAPs). No microscope control. - Configurable graphical user interface including workbench concept - Image acquisition with b/w, rgb, high-resolution and high-sensitivity cameras - Panorama for acquisition of Tiles Images with manual stage - Online Panorama for creation of stitched images on un-coded/ un-motorized stages - Video recorder functionality with movie export functionality - Manual Extended Focus (EDF) capability - Image processing: standard operations for image optimization (contrast, brightness, gamma, colors, smoothing, sharpening, geometric corrections...) - Interactive/dimensional measurements and text annotations - Using of Microsoft Word report templates - Data Archive for managing and maintaining documents: searching, filtering, tagging, viewing, re-opening, structuring, exporting, importing (any file format via drag n drop) - User Management for multi-user environment incl. full integration into the Windows multi-user functionality - Connectivity to ZEN Data Storage image database - Contains ZEN Connect basic functionality, 2D CAD overlay, topography viewer for 2.5D visualization of EDF Images incl. profile line measurement, QUAL Data Export - Can only be extended with ZEN Toolkit Basic Acquisition and ZEN Module Coded Microscope Differences compared with ZEN core: - No microscope control - Limited image processing functions - No Job functionality - No HDR -Acquisition of High Dynamic Range Images Supported operating systems: Windows 10 / Windows 11	Carl Zeiss	410135-1010-000	Each	$3.21	4.0%	$3.08
Science Laboratory and Teaching Supplies	410138-0124-311	Upgrade toolkit for ZEN 3.5 CD7 or earlier to ZEN 3.11 Upgrade of specific features for a Celldiscoverer system in combination with a ZEN upgrade to ZEN 3.11 (a separate item). Note: This upgrade is only required to upgrade ZEN Celldiscoverer 3.5 or earlier. Upgrading ZEN 3.6 or later does not require this item.	Carl Zeiss	410138-0124-311	Each	$12.84	4.0%	$12.33
Science Laboratory and Teaching Supplies	410135-0052-100	Labscope for iOS / Android (O) Labscope for iOS / Android is a microscope software used to control, image acquisition, image processing and image analysis. Typical application fields of the software are general tasks and applications in microscopy or image acquisition, among others for education, routine and research. The software is not intended to directly or indirectly produce medical diagnostic results. Full list of functions and optional modules can be found here: https://www.zeiss.com/labscope	Carl Zeiss	410135-0052-100	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	410135-0052-440	Labscope 4.4 for Windows Labscope for Windows is a software used to control and acquire images through connected and compatible microscopes. This combined system is used for in-vitro examination of images to obtain information about physiological orpathological processes or conditions. Labscope for Windows is intended for the use of professional users, among others in the field of life science, cytology and pathology. The connected microscopes are themselves CE-IVD products. For IVD examinations, ensure that the displayed image on the monitor shows the equivalent information as visible through the eyepieces of the microscope. Labscope AI modules are not intended for IVD examinations and may only be used in research. Full list of functions and optional modules can be found here: https://www.zeiss.com/labscope	Carl Zeiss	410135-0052-440	Each	$0.01	4.0%	$0.01
Science Laboratory and Teaching Supplies	410154-0001-101	arivis Pro Analysis Big Package + VR, local - ACA Contains a big package of V4D for Academia as a permanent license. It includes the following modules: arivis Pro for 3D Visualization and Data Analysis arivis Pro Module Tracking arivis Pro Module Exchange Objects arivis Pro Module Batch Analysis arivis Pro Module Volume Fusion arivis SIS Converter Pro The Neuron Tracing module and arivis Pro AI Toolkit are not included. It also includes a complementary license of arivis Pro VR Visualization and Measure	Carl Zeiss	410154-0001-101	Each	$32,179.18	4.0%	$30,892.01

Science Laboratory and Teaching Supplies	410154-0005-101	arivis AI Package Academia: Cloud/local DL Trainer - ACA This arivis AI Package offers the choice of cloud-based and local computing as required for individual use cases and setups. It consists of 2 parts and is only valid for Academia customers. 1. The arivis Cloud license (formerly APEER) is valid for one year and includes full access to the cloud-based Deep Learning tools (arivis AI) as well as to pre-built applications for 2 users. It enables customers to train robust AI models for imagesegmentation via powerful neural networks with more than 6 million parameters. Deep Learning Training in the cloud frees up local computing capacities. Using this state-of-the- art technology allows more efficient workflows and best performance for variousimage analysis tasks. The trained AI models can be used locally in arivis Pro, ZEN or in the cloud. 2. In addition, the package includes an arivis Pro AI Deep Learning local training Module. It allows users to locally train Deep Learning (DL) models on their workstations This is a permanent license and requires an up-to date arivis Pro license. This combination enables customers to use the locally and/or cloud trained Deep Learning models as part of their arivis Pro pipelines for flexible 3D object analysis (volume, surface area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based) and other advanced analysis tools (quantification of object relationships, distances). Both partsare applicable onimage data derived from various imaging modalities (Brightfield, Fluorescence and EM) of various file formats for 2D or 3/4D images.	Carl Zeiss	410154-0005-101	Each	$6,436.05	4.0%	$6,178.61
Science Laboratory and Teaching Supplies	410154-0008-100	Special arivis Pro SW package for Volutome This package includes: 1 arivis Pro for 3D Visualization and Data Analysis - ACA permanent license 1 arivis AI Toolkit Academia: Cloud/local DL Trainer - ACA license 1 arivis Pro SMA, local – ACA (Software Maintenance contract for 1 year) This part is only available for customers who had a license for the Special arivis Pro SW package for Volutome , 1 year For academia Volutome customers only.	Carl Zeiss	410154-0008-100	Each	$18,410.42	4.0%	$17,674.00
Science Laboratory and Teaching Supplies	410154-0015-101	ZEISS arivis Pro APAC Special 3D Pkg Visualization, 3D Analysis - ACA This special arivis Pro package is a permanent license and includes the following items: - arivis Pro for 3D Visualization and Data Analysis - arivis Pro initial WEB based training The package encompasses a reduced transfer price: - Only for APAC SSCs: China, Japan, South Korea, India, ANZ, SEA, and Taiwan - starts from May 1st, 2024 - mandatory for new Elyra 7, Lightsheet 7, Lattice Lightsheet 7, and Lattice SIM 5 - cannot be ordered for other systems	Carl Zeiss	410154-0015-101	Each	$14,318.74	4.0%	$13,745.99
Science Laboratory and Teaching Supplies	410154-3003-101	arivis Pro APAC Package Visualization, 3D Analysis -ACA This special arivis Pro package is valid for two years and includes the following items: - arivis Pro for 3D Visualization and Data Analysis - arivis Pro Module Tracking - arivis Pro Module Exchange Objects - arivis Pro initial WEB based training The package encompasses a reduced transfer price: - Only for APAC SSCs: China, Japan, South Korea, India, ANZ and SEA - starts from Oct 1st, 2021 - mandatory for new Elyra 7, Lightsheet, and Lattice Lightsheet 7 - cannot be ordered for other systems - has a limited 2 years license - only valid for Academia customers	Carl Zeiss	410154-3003-101	Each	$32,733.44	4.0%	$31,424.10

Science Laboratory and Teaching Supplies	410155-0001-101	arivis Pro for 3D Visualization and Data Analysis -ACA Software package for 3D visualization and analysis of multi-dimensional image data sets which have been created by 3D imaging systems such as LSM, ApoTome, Spinning Disk, Widefield Deconvolution, Lightsheet and, Electron Microscopes and others. The software features extraordinary performance in handling really large data sets up to multiple terabytes while allowing fully interactive visualization. This package includes tools for: 3D object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), Machine Learning for object segmentation and classification and other advance segmentation tools. It also includes tools for advanced analysis (quantification of object relationships, distances, overlapping regions) per cell or per compartment analysis. Furthermore, this package includes stitching tools and many pre-processing tools for image enhancement. The software can be extended with various modules for advanced image analysis	Carl Zeiss	410155-0001-101	Each	$19,093.08	4.0%	$18,329.36
Science Laboratory and Teaching Supplies	410155-0004-101	arivis SIS Converter Pro Stand alone arivis SIS File Converter - including Watchdog functionality; Fast, automatic and unattended file conversion process from image acquisition to SIS format; - Multiple configurable import sources for file conversion	Carl Zeiss	410155-0004-101	Each	$3,614.46	4.0%	$3,469.88
Science Laboratory and Teaching Supplies	410155-3001-101	arivis Pro TL license for 1 year - ACA The arivis pro (TL) package is only allowed to be sold together with a new microscopy system and a ZEN desk license. This arivis pro (TL) temporary license is valid for one years and includes tools for 3D image visualization andimage rendering, 3D object analysis (volume, surface area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), and machine learning for object segmentation and classification. It also includes tools for advanced analysis (quantification of object relationships, distances) and per cell or per compartment analysis. Furthermore, this package includes stitching tools, and many pre- processing tools for image enhancement. This special arivis pro (TL) package includes a (virtual) training and basic support (contact: support-zeiss@arivis.com) with regular SW updates. After 1 year this time-limited license can be converted to a permanent license. Extensions with additional modules are possible any time	Carl Zeiss	410155-3001-101	Each	$4,868.50	4.0%	$4,673.76
Science Laboratory and Teaching Supplies	410155-3101-101	Extension of the arivis Pro TL license by one year - ACA The duration of arivis Pro TL license (time limited for 1 year) included in the ZEN Desk and arivis Pro TL package can be extended on a yearly basis. Multiple years can be provided. This yearly fee also includes access to customer support and software updates. This part can only be purchased together with a ZEN Desk and arivis Pro TL package and is only available for Academia customers. Maximum extension up to 5 years	Carl Zeiss	410155-3101-101	Each	$9,310.07	4.0%	$8,937.67
Science Laboratory and Teaching Supplies	410156-0002-101	arivis Pro Module Tracking and Lineage - ACA The tracking module allows analysis of the movement of small (i.e. particle tracking) or large objects (e.g. nuclei, cells, organisms) over time, providing quantitative information on movement, tracks, cell division and object properties over the time series. By identifying structures in 3D over time one can see live cell dynamics and quantitatively compare and quantify various parameters in living cells. A large variety of measurement parameters are available for tracking and lineage experiments	Carl Zeiss	410156-0002-101	Each	$4,192.26	4.0%	$4,024.57
Science Laboratory and Teaching Supplies	410156-0003-101	arivis Pro Module Batch Analysis - ACA Software module for arivis Pro which allows batch analysis of many images with the same pipeline	Carl Zeiss	410156-0003-101	Each	$3,126.54	4.0%	$3,001.48
Science Laboratory and Teaching Supplies	410156-0004-101	arivis Pro Module Exchange Objects - ACA This software module allows the import of binary mask and labeled images which are the result of segmentation functions in other programs, as 3D- objects into arivis Pro. These can then be used for 3D evaluationor within your 3D / 4D image analysis pipeline. This function is very suitable to transfer ZEN Intellesis segmentation results for 3D image analysis in arivis Pro.	Carl Zeiss	410156-0004-101	Each	$1,490.51	4.0%	$1,430.89

Science Laboratory and Teaching Supplies	410156-0005-101	arivis Pro Module Volume Fusion - ACA Fusion of two volumes with different rotation, translation, scaling and resolution to create a new volume for further processing and 3D rendering. Ideal for multi-view image reconstruction. Volumes can be adjusted and aligned based on a surface representation or via landmarks, optionally each volume can be put in its own channel.	Carl Zeiss	410156-0005-101	Each	$2,976.74	4.0%	$2,857.67
Science Laboratory and Teaching Supplies	410156-0006-101	arivis Pro Module Neuron Tracing - ACA Quantification of neuronal filamentous structures The Neuron Tracing module allows you to automatically trace neurites or other filamentous neuronal structures. It offers two algorithms to choose from: The automatic reconstruction of the neurons is either threshold-based or probability-based. You can start both tracing algorithms from a cell body or directly on neuron structures without visible cell bodies. Both are ideally suited for fluorescence imaging. Semi-automated tools are available for manual trace editing in 2D and 3D. This allows you to manually change trace structures quickly and efficiently. You can view and export statistical measurements such as overall length, volume, number of branches and endpoints, branch levels and depths, and section diameters and many more.	Carl Zeiss	410156-0006-101	Each	$6,436.05	4.0%	$6,178.61
Science Laboratory and Teaching Supplies	410156-0007-101	arivis Pro VR Analysis Module, local - ACA Import and displaying of segmentation results from arivis Pro, De-novo creation of segments (manual, intensity based, opacity based), Manual editing of segments (add, dilate, smoothen, cut, merge, delete), Sculpting brush tool to interface segment editing process, Semi- automatic magic wand segmentation tool, VR displaying of selectable segment calculations (i.e. volume, surface area,). A license of arivis Pro Visualization and Analysis Package is recommended.	Carl Zeiss	410156-0007-101	Each	$5,124.23	4.0%	$4,919.26
Science Laboratory and Teaching Supplies	410156-0008-101	arivis Pro VR Collaboration Module, local - ACA Share presentation of 3D images with own VR toolset. Join a session with up to 30 interacting users in VR space. Use presenter tools in collaborative sessions (pointer, highlighter, clipping, ROI). Voice-Chat with positional audio or any web meeting services (i.e MS teams, Skype, GoToMeeting, Cisco Webex, etc.). Easy, custom defined access of the data set to be viewed. Interactive participation without VR hardware. Allows loading of arbitrary ROIs in native resolution. Includes user login and access for one presenter and one collaborator.	Carl Zeiss	410156-0008-101	Each	$11,583.82	4.0%	$11,120.47
Science Laboratory and Teaching Supplies	410156-0009-101	arivis Pro VR Collaboration Module,additional user - ACA Additional user accounts for collaboration modules. Individual logins. Users can participate in session but not edit objects.	Carl Zeiss	410156-0009-101	Each	$2,573.35	4.0%	$2,470.42
Science Laboratory and Teaching Supplies	410156-0010-101	arivis Pro VR Measure Module, local - ACA This Module allows for interactive measurements of distances in 3D (2-point, multi-point, angle). Manual counting and classification in Virtual Reality Registration Tool for fusion of two 3D volumes using VR based on interactive surface transform. VR Visualization Module is required.	Carl Zeiss	410156-0010-101	Each	$1,287.21	4.0%	$1,235.72
Science Laboratory and Teaching Supplies	410156-0011-101	arivis Pro VR Tracking Module, local - ACA Visualization of 3D over time tracks in Virtual Reality, VR Tracking tools to edit existing tracks (Split, Merge), Manual creation of elaborate tracks without the need of prior segmentation. Automatic Tracking requires a license of arivis arivis Pro Tracking & Lineage. Requires arivis Pro VR Visualization Module	Carl Zeiss	410156-0011-101	Each	$2,573.35	4.0%	$2,470.42

Science Laboratory and Teaching Supplies	410156-0012-101	arivis Pro VR Visualization Module, local - ACA 3D visualization software for immersive image data visualization of raw voxel data. Permanent license. Extract data and structural relationships not accessible by standard 2D or 3D viewing applications.View real image data, in direct volume rendering, without the need to convert them to a surface object. Experience your images in an assimilated physical representation. Simply load your image data and use the 3D tracked Meta headsets and touch controllers to look at your image from any possible angle. Use your hands to scale the image and travel through it to investigate intricate details. An intuitive menu system allows to change opacity settings as well as save and reload points of interest. Direct Volume Rendering (visualization of intensity data) in Virtual Reality, 3D Maximum Intensity Rendering in Virtual Reality, Sphere cloud rendering of 3D voxel data, Color mapping and opacity Control. Support for Meta Rift, Rift S, and Quest (tether mode only)VR headset, Meta Touch VR Controller support, Free rotational, translational, and scalable interaction with image data, and free positioning (inclination, height) of a clipping plane, Advanced clipping tools (plane, spherical clipping), Various screenshot and video export options (High resolution, 360°, ...) Dynamic down-sampling for data larger than GPU memory.	Carl Zeiss	410156-0012-101	Each	$9,009.40	4.0%	$8,649.02
Science Laboratory and Teaching Supplies	410156-8001-101	arivis Pro VR Convert local to floating - ACA convert a local license of arivis Pro VR to a floating license, 1 concurrent user	Carl Zeiss	410156-8001-101	Each	$6,436.05	4.0%	$6,178.61
Science Laboratory and Teaching Supplies	410158-8001-101	arivis Pro Convert local license to floating - ACA convert a local license to a floating license to give access to the license in a network environment to multiple users. 1 concurrent user	Carl Zeiss	410158-8001-101	Each	$6,436.05	4.0%	$6,178.61
Science Laboratory and Teaching Supplies	410154-0005-201	ZEISS arivis Pro Local Deep Learning Trainer - ACA The ZEISS arivis Pro Local Deep Learning Trainer module allows users to locally train Deep Learning (DL) models on their workstations This is a permanent license and requires an up-to date arivis Pro license. Locally trained Deep Learning models can be used as part of arivis Pro pipelines for flexible 3D object analysis (volume, surface area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based) and other advanced analysis tools (quantification of object relationships, distances). Trained models are applicable for processing image data derived from various imaging modalities (Brightfield, Fluorescence and EM) of various file formats for 2D or 3/4D images. This license is only available for Academic customers. It is suggested that a license of ZEISS arivis Cloud, 1-year Subscription - ACA is included at purchase.	Carl Zeiss	410154-0005-201	Each	$5,023.65	4.0%	$4,822.70
Science Laboratory and Teaching Supplies	410154-5006-101	arivis Hub Basic Analysis Package, subscription - ACA The annual subscription of a arivis Hub -Basic Analysis Package for Academia includes: 1. Server Base Management System 2. User Management for unlimited users restricted to 10 user groups 3. Workflow Execution which includes a subscription license of arivis Pro full package (floating) including all available arivis Pro modules and 1x SIS Converter Pro floating license valid for one year	Carl Zeiss	410154-5006-101	Each	$16,832.17	4.0%	$16,158.88
Science Laboratory and Teaching Supplies	410154-5006-201	ZEISS arivis Hub Starter Analysis Package, 1 year - ACA The annual licnese of ZEISS arivis Hub Starter Analysis Package for Academic customers includes: 1. arivis Hub Server Base Management 2. arivis Hub User Management for unlimited users (restrictedto 10 user groups) 3. arivis Hub Analysis Workflow Execution for processing analysis pipelines 4. arivis Hub CPU Core Pack to support 1x16 cores for image processing 5. Simple HCA toolkit (well plate analysis with heat map, watcher not included) Doesnot include the installation and configuration days requireed to set-up the system and must be quoted separately. Requires quoting of a license of ZEISS arivis Pro add-on for ZEISS arivis Hub Starter Pkg, 1 year - ACA and a license of ZEISS arivis Cloud, 1-year Subscription - ACA with purchase.	Carl Zeiss	410154-5006-201	Each	$14,992.84	4.0%	$14,393.13

Science Laboratory and Teaching Supplies	410155-5005-101	arivis Pro floating addon for arivis Hub subscription - ACA This yearly subscription package of arivis Pro which can only be offered to customers with an active license of arivis Hub Basic Analysis Package - ACA Up to 10 subscription licences for arivis Pro can be offered to customers with active licenses of arivis Hub Basic Analysis Package per year. This package is for academia customers only and includes one full arivis Pro license including all modules and one arivis AI license package: 1. The arivis Pro Software license is a full package for visualization and analysis of multi-dimensional image data created by imaging systems. This software allows fast and fully interactive visualization and analysis of large data sets up to multiple terabytes of 2D, 3D and 4D dataset. It allows flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classification and further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions per cell or per compartment as well as stitching tools and many pre-processing tools for image enhancement are also included. The function group Tracking allows analysis of object movements and object properties over time (i.e. particle tracking or tracking and lineage ofnuclei, cells). The function group Exchange Objects allows the import of binary mask and labeled images which are the result of segmentation functions in other programs or open source tools, creating 3D objects from z planes in arivis Pro. These can be integrated into the 4D image analysis pipeline. The function group Volume Fusion allows to fuse two volumes with different rotation, translation, scaling and resolution to create a new	Carl Zeiss	410155-5005-101	Each	$1,832.91	4.0%	$1,759.59
Science Laboratory and Teaching Supplies	410155-5005-201	ZEISS arivis Pro add-on for ZEISS arivis Hub Starter Pkg, 1 year - ACA This ZEISS arivis Pro package is available for Academic customers with an active license of the ZEISS arivis Hub Starter Analysis Package only and includes one year access to a full arivis Pro license including all modules: 1. arivis Pro 3D Visualization and Data Analysis Module for fast and fully interactive visualization and analysis of large data sets of 2D, 3D and 4D dimensionality and up to multiple terabytes. This module includes dedicated tools for flexible multidimensional object analysis (volume, area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based), machine learning for object segmentation and classificationand further application-oriented segmentation tools. Advanced analysis for quantification of object relationships, distances, overlapping regions and per cell or per compartment as well as stitching tools and many pre- processing tools for image enhancement are also included. 2. arivis Pro Local Deep Learning Trainer Module which includes a local Deep Learning training interface. This allows users to locally train Deep Learning (DL) models on their workstation. These trained models can be seamlessly used in arivis Pro pipelines for flexible 3D object analysis (volume, surface area, intensity, morphology parameters, object classification, etc..), colocalization analysis (object and pixel based) and other advanced analyses (quantification of object relationships, distances). Does not include access to the online Deep Learning Training Platform through ZEISS arivis Cloud, but allows execution of models trained in ZEISS arivis Cloud locally. 3. arivis Pro Tracking <(>&<)> Lineage Module allows analysis of objectmovements and object properties over time (i.e. particle tracking or tracking and lineage of	Carl Zeiss	410155-5005-201	Each	$1,759.08	4.0%	$1,688.72
Science Laboratory and Teaching Supplies	410156-5018-101	arivis Hub LDAP/AD, annual subscription - ACA The arivis Hub LDAP/AD package is a user management upgrade to the Basic Analysis Package and allows for the connection to an LDAP systems or other active directory. Annual subscription	Carl Zeiss	410156-5018-101	Each	$6,785.94	4.0%	$6,514.50

Science Laboratory and Teaching Supplies	410145-3034-100	arivis Cloud 1 year Academia The arivis Cloud Academia License is valid for one year, includes 2 arivis Cloud accounts and is restricted to academic customers. The 2 accounts contain: - Full access to Deep Learning Toolset - Access to pre-built applications - 1 TB storage - Up to 7000 min of computing time per month (incl. GPU) - On-going priority expert support - Continuous and included access to newest features and improvements - Access to training materials	Carl Zeiss	410145-3034-100	Each	$5,457.00	4.0%	$5,238.72
Science Laboratory and Teaching Supplies	410154-5009-101	ZEISS arivis Cloud Lab 1 year license: DL Training The arivis Cloud Lab License is valid for one year, includes 3 arivis Cloud accounts and is restricted to academic customers. The 3 accounts contain: - Full access to Deep Learning Toolset - Access to pre-built applications - 1 TB storage - Up to 7000 min of computing time per month (incl. GPU) - On-going priority expert support - Continuous and included access to newest features and improvements - Access to training materials	Carl Zeiss	410154-5009-101	Each	$9,607.53	4.0%	$9,223.23
Science Laboratory and Teaching Supplies	410154-5010-101	ZEISS arivis Cloud Department 1 year license: DL Training The arivis Cloud Department License is valid for one year, includes 5 arivis Cloud accounts and is restricted to academic customers. The 5 accounts contain: - Full access to Deep Learning Toolset - Access to pre-built applications - 1 TB storage - Up to 7000 min of computing time per month (incl. GPU) - On-going priority expert support - Continuous and included access to newest features and improvements - Access to training materials	Carl Zeiss	410154-5010-101	Each	$12,297.51	4.0%	$11,805.61
Science Laboratory and Teaching Supplies	410154-5011-101	ZEISS arivis Cloud Institute 1 year license: DL Training The arivis Cloud Institute License is valid for one year, includes 10 arivis Cloud accounts and is restricted to academic customers. The 10 accounts contain: - Full access to Deep Learning Toolset - Access to pre-built applications - 1 TB storage - Up to 7000 min of computing time per month (incl. GPU) - On-going priority expert support - Continuous and included access to newest features and improvements - Access to training materials	Carl Zeiss	410154-5011-101	Each	$19,983.32	4.0%	$19,183.99
Science Laboratory and Teaching Supplies	410158-2001-131	ZEISS arivis Pro SMA, local and floating, 3 year - ACA When purchasing a new ZEISS arivis Pro permanent license (perpetual), it is mandatory to conclude an ongoing software maintenance and support agreement (Software Maintenance Agreement SMA) for the first 12 months. This article offers a service for a term of three years. Software maintenance and customer support are included in the service. The customer support portion includes access to the support portal and the ticket system via https://kb.arivis.com. In general, the SMA includes software maintenance for the acquired software modules for one license (local or floating). Usually, two software updates are performed in the calendar year, which cover bug fixes and may add new functionality to the purchased arivis Pro modules (including VR) and SIS Converter Pro. This article does not include ZEISS arivis Cloud and Hub products.	Carl Zeiss	410158-2001-131	Each	$12,975.89	4.0%	$12,456.85
Science Laboratory and Teaching Supplies	410158-9001-101	arivis Pro SMA, Entry Fee - ACA Flat entry fee for SMA for arivis Pro that needs to be paid after 8 months or more without an SMA. Purchase of a valid SMA for arivis Pro together with the Entry Fee is required. This entry fee allows to catch up on former software releases. It can be waved off if 3 years of SMA are ordered upfront	Carl Zeiss	410158-9001-101	Each	$5,882.86	4.0%	$5,647.55
Science Laboratory and Teaching Supplies	662002-0206-002	NEO q-das out, BasLic, PC for NEO insights and NEO select basic license for software in current version - PC-bound license Software interface for export of measurement results in transfer format Q-DAS	Carl Zeiss	662002-0206-002	Each	$3,138.31	4.0%	$3,012.78
Science Laboratory and Teaching Supplies	662002-0206-006	NEO pixel, BasLic, PC - basic license for software in current version - PC-bound license - measurement data obtained from image data Software for evaluation and visualization of measurement data - inspection feature oriented programming methodology by inspection feature concept - automatic recognition of elements - interactive programming via Click & Pick - incl. PiWeb reporting for efficient protocol creation using pre-defined protocol templates	Carl Zeiss	662002-0206-006	Each	$9,497.32	4.0%	$9,117.43

Science Laboratory and Teaching Supplies	662002-0206-011	NEO PiWeb reporting plus, BasLic, PC for NEO insights and NEO select - basic license for software in current version - PC-bound license Software option for statistical evaluations with graphical display of results - simulataneous measuring and data evaluation - evaluations of up to 1000 measurement processes per inspection plan - investivations of measuring tool capability - additional protocol templates	Carl Zeiss	662002-0206-011	Each	$1,610.35	4.0%	$1,545.94
Science Laboratory and Teaching Supplies	662002-0206-103	NEO autocad in, BasLic, PC for NEO insights and NEO select - basic license for software in current version - PC-bound license Software interface for import of CAD data im dxf- and dwg format	Carl Zeiss	662002-0206-103	Each	$3,508.53	4.0%	$3,368.19
Science Laboratory and Teaching Supplies	662012-0300-002	ZAPHIRE q-das out, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0300-002	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	662012-0300-006	ZAPHIRE offline evaluation, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0300-006	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	662012-0300-011	ZAPHIRE PiWeb reporting plus, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0300-011	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	662012-0300-103	ZAPHIRE autocad in, Upgrade, PC - software upgrade to current version - PC-bound license	Carl Zeiss	662012-0300-103	Each	$1.07	4.0%	$1.03
Science Laboratory and Teaching Supplies	662002-0302-002	ZAPHIRE q-das out, BasLic, PC for O-SELECT, O-DETECT - basic license for software in current version - PC-bound license Software interface for export of measurement results in transfer format Q-DAS	Carl Zeiss	662002-0302-002	Each	$5,161.68	4.0%	$4,955.21
Science Laboratory and Teaching Supplies	662002-0302-006	ZAPHIRE offline evaluation, BasLic, PC for ZEISS microscopes - basic license for software in current version - PC-bound license - measurement data obtained from image data in CZI format Software for evaluation and visualization of measurement data - inspection feature oriented programming methodology by inspection feature concept - automatic recognition of elements - interactive programming via Click and Pick - incl. PiWeb reporting for efficient protocol creation using pre-defined protocol templates	Carl Zeiss	662002-0302-006	Each	$1,755.87	4.0%	$1,685.64
Science Laboratory and Teaching Supplies	662002-0302-011	ZAPHIRE PiWeb reporting plus, BasLic, PC for O-SELECT, O-DETECT - basic license for software in current version - PC-bound license Software option for statistical evaluations with graphical display of results - simulataneous measuring and data evaluation - evaluations of up to 1000 measurement processes per inspection plan - investivations of measuring tool capability - additional protocol templates	Carl Zeiss	662002-0302-011	Each	$2,121.81	4.0%	$2,036.94
Science Laboratory and Teaching Supplies	662002-0302-103	ZAPHIRE autocad in, BasLic, PC for O-SELECT, O-DETECT - basic license for software in current version - PC-bound license Software interface for import of CAD data im dxf- and dwg format	Carl Zeiss	662002-0302-103	Each	$5,766.23	4.0%	$5,535.58
Science Laboratory and Teaching Supplies	431020-9000-000	Microscope stand Axio Observer 5 clinical with certification according to IVDR (EU) for operation in a clinical environment, consisting of: - 6-position nosepiece, H DIC M27 cod. - manual focus drive incl. focus stop - z-drive operation, flat; left - 1x tube lens to fit with optional available 1-position tube lens mount or 3-position optovar turret cod. - slider mount for PlasDIC and analyzer module - circular operation key unit right - keys for switching TL/RL illumination - light manager - interfaces: 1x CAN, 2x USB-A, 1x USB-C and 1x TCP/IP - trigger socket (In/Out) for shutter - connecting socket for external UNIBLITZ shutter - integrated 12V DC 100W power supply, stabilized, 100V-127V and 200V-240VAC / 50-60Hz / max. 300VA - USB cable and country-specific line cable	Carl Zeiss	431020-9000-000	Each	$7,755.00	4.0%	$7,444.80
Science Laboratory and Teaching Supplies	433605-0000-000	Analyzer slider fixed for transmitted light, 6x20	Carl Zeiss	433605-0000-000	Each	$670.00	4.0%	$643.20
Science Laboratory and Teaching Supplies	427701-0000-000	Polarizer D, fixed, removable	Carl Zeiss	427701-0000-000	Each	$405.00	4.0%	$388.80
Science Laboratory and Teaching Supplies	427706-0000-000	Polarizer D, 90° rotatable, removable	Carl Zeiss	427706-0000-000	Each	$680.00	4.0%	$652.80
Science Laboratory and Teaching Supplies	428103-0000-000	Analyzer slider D/A, 360° rotatable position 1 with analyzer, position 2 with clear aperture to allow mounting of filters with dia. 32 mm	Carl Zeiss	428103-0000-000	Each	$2,129.00	4.0%	$2,043.84
Science Laboratory and Teaching Supplies	489038-9901-400	Filter Set 38 HE with Reflector Module FL EC P<(>&<)>C (E) Filter Set 38 HE shift free consisting of filters EX BP 470/40, BS FT 495, EM BP 525/50 inserted in reflector module, reflection avoided through tilted mount for emission filters. Recommended for white light fluorescence light sources or ZEISS LED fluorescence light sources.	Carl Zeiss	489038-9901-400	Each	$1,742.00	4.0%	$1,672.32

Science Laboratory and Teaching Supplies	489090-9110-400	Filter Set 90 HE LED with Reflector Module FL EC P<(>&<)>C (E) Filter Set 90 HE LED shift free for use with ZEISS LED fluorescence light sources with excitation wavelengths 385, 475, 555 and 630 nm. Consisting of filters QBS 405 + 493 + 575 + 653 and QBP 425/30 + 514/30 + 592/25 + 709/100 inserted in reflector module, reflection avoided through tilted mount for emission filters.	Carl Zeiss	489090-9110-400	Each	$2,109.00	4.0%	$2,024.64
Science Laboratory and Teaching Supplies	424225-9050-000	Low-power system for objectives 2.5x/4x for condenser 0.9/1.25 H	Carl Zeiss	424225-9050-000	Each	$480.00	4.0%	$460.80
Science Laboratory and Teaching Supplies	411831-9000-000	Micromanipulator MTK-1-Z1, Axio Observer (D) hydraulic micromanipulator with 4-axis hanging joystick set including both handed manipulators and adapter for Axio Observer Use within the EU for research purposes only, not for applications covered by IVDD 98/79/EC. Maximum movement range X/Y/Z-axis: 10 mm - Oil hydraulic control - Movement of 250 µm/rot. - Minimum graduation 5 µm Maximum movement range T-axis (for holder): 10 mm - Oil hydraulic control - Movement of 1,000 µm/rot. - Minimum graduation 20 µm - Manual mechanical (Return to Home position) 50 mm - Incident angle 15...40°	Carl Zeiss	411831-9000-000	Each	$30,495.00	4.0%	$29,275.20
Science Laboratory and Teaching Supplies	411831-9010-000	Micromanipulator MTK-1-Z2, Axiovert (D) for Axio Vert.A1 and Axiovert 5 Hydraulic micromanipulator with 4-axis hanging joystick set including both handed manipulators and adapter for Axio Vert.A1 and Axiovert 5 Use within the EU for research purposes only Maximum movement range X/Y/Z-axis: 10 mm - Oil hydraulic control - Movement of 250 µm/rot. - Minimum graduation 5 µm Maximum movement range T-axis (for holder): 10 mm - Oil hydraulic control - Movement of 1,000 µm/rot. - Minimum graduation 20 µm - Manual mechanical (Return to Home position) 50 mm - Incident angle 15...40°	Carl Zeiss	411831-9010-000	Each	$30,495.00	4.0%	$29,275.20
Science Laboratory and Teaching Supplies	411831-9070-000	Microinjector IM-11-2, pneumatic (D) - 40 mm plunger Use within the EU for research purposes only.	Carl Zeiss	411831-9070-000	Each	$1,884.00	4.0%	$1,808.64
Science Laboratory and Teaching Supplies	411860-9093-000	Mounting Frame K Thermo Plate® with Controller - glass plate made of toughened glass - glass thickness: 0.5 mm (over entire glass plate surface) - LED status report - controller with LCD display: temperature range: room temperature up to 50°C resolution: 0.1° C temperature accuracy: +/- 0.1°C 100V-240V AC/50-60Hz/max. 50VA - country specific power cable Thermo Plate® is a registered trademark of Tokai Hit., Co, Ltd.	Carl Zeiss	411860-9093-000	Each	$2,917.00	4.0%	$2,800.32
Science Laboratory and Teaching Supplies	490016-0003-000	Microscope Axio Imager.Z2 ACR for epi-fluorescence in combination with transmitted-light bright field and DIC. Phototube 30°/25 with motorized eyepiece shutter. With motorized convenience.	Carl Zeiss	490016-0003-000	Each	$114,283.00	4.0%	$109,711.68
Science Laboratory and Teaching Supplies	491237-0025-000	Inverted microscope Axiovert 5 TL SCB for transmitted-light brightfield, phase contrast Ph1 and PlasDIC with intermediate phototube and Thermo Plate	Carl Zeiss	491237-0025-000	Each	$24,991.00	4.0%	$23,991.36
Science Laboratory and Teaching Supplies	491237-0026-000	Inverted microscope Axiovert 5 TL SCB for transmitted-light brightfield, phase contrast Ph1 and iHMC with intermediate phototube and Thermo Plate	Carl Zeiss	491237-0026-000	Each	$30,495.00	4.0%	$29,275.20

Science Laboratory and Teaching Supplies	426560-9430-000	Microscopy camera Axiocam 305 color module incl. adapter 0.63x Consists of: - Microscopy camera Axiocam 305 color - Camera adapter 60N-C 2/3" 0.63x Technical specification Axiocam 305 color: Microscopy camera incl. Driver software 64bit, USB3.0 PCIe x1 interface, USB 3.0 cable 3 m and IR barrier filter Hoya C5000 (coated) Number of Pixels: 2464 (H) x 2056 (V) = 5.07 Mega pixel color Sensor type: SONY IMX264 Exmor Pregius Global Shutter CMOS Pixel size: 3.45 #m x 3.45 #m Chip size: 8.5 mm x 7.1 mm, equivalent to 2/3" (diagonal 11.1 mm) Spectral range: With IR barrier filter app. 400 nm to 720 nm Full Well Capacity: Approx. 10,500 e Selectable Resolution: H x V Binning Factor 2464 x 2056 1x1 Basic Resolution 1232 x 1028 2x2 816 x 684 3x3 608 x 514 4x4 480 x 410 5x5 H x V Subsampling Factor 2464 x 2056 1x1 BasicResolution 1232 x 1028 2x2 Live frame rates (depending on hardware and software configuration): H x V Frame Rate@1ms 2464 x 2056 36 fps 1232 x 1028 88 fps (2x2 Subsampling) Frame rates for time series recording (depending on computer hardware and software configuration) H x V (ROI) Frame Rate 2464 x 2056 36 fps 2048 x 2048 36 fps 1920 x 1080 67 fps 1024 x 1024 70 fps 512 x 512 136 fps 256 x 256 255 fps 128 x 128 456 fps Readout of Sensor Sub-Regions ("ROI"): Adjustable Digitization: 8 and 12 Bit / Pixel Dynamic Range: Typical > 4800 : 1 (>73 dB) at typ. 2.2 e readout noise Dark current: < 1.0 e/p/s @ 25°C Integration Time: 0.1 ms to 4 s Cooling: Temperature stable @ 25°C for ambient temperatures between 18°C and 30°C Status-LED for Camera: color coded operation status, dimmable Interface (camera): USB 3.0 interface Optional operation with USB 2.0 connection at reduced frame rate Optical Interface: C-Mount Thread depth for objectives: max.5 mm Size / Weight: approx. App. 10.8	Carl Zeiss	426560-9430-000	Each	$5,056.00	4.0%	$4,853.76
Science Laboratory and Teaching Supplies	010-00479R	X-Cite mini+, XMPS (365nm - 700nm) LED illuminator	Accu-Scope	010-00479R	Each	$5,600.00	4.0%	$5,376.00
Science Laboratory and Teaching Supplies	010-00480R	X-Cite mini+, XMPL (385nm - 700nm) LED illuminator	Accu-Scope	010-00480R	Each	$5,600.00	4.0%	$5,376.00
Science Laboratory and Teaching Supplies	310-3173-FL	4x LWD infinity plan fluor objective, N.A. 0.13, W.D. 18.52mm	Accu-Scope	310-3173-FL	Each	$325.00	4.0%	$312.00
Science Laboratory and Teaching Supplies	310-3174-FL	10x LWD infinity plan fluor objective, N.A. 0.30, W.D. 7.11mm	Accu-Scope	310-3174-FL	Each	$875.00	4.0%	$840.00
Science Laboratory and Teaching Supplies	410-3173-FL	4x LWD infinity S-APO fluor objective, N.A. 0.13, W.D. 17.0mm	Accu-Scope	410-3173-FL	Each	$300.00	4.0%	$288.00
Science Laboratory and Teaching Supplies	410-3174-FL	10x LWD infinity S-APO fluor objective, N.A. 0.30, W.D.7.4mm	Accu-Scope	410-3174-FL	Each	$750.00	4.0%	$720.00
Science Laboratory and Teaching Supplies	410-3175-FL	40x LWD infinity S-APO fluor objective, N.A. 0.60, W.D. 3.3mm	Accu-Scope	410-3175-FL	Each	$1,495.00	4.0%	$1,435.20
Science Laboratory and Teaching Supplies	410-3177-FL	20x LWD infinity S-APO fluor objective, N.A. 0.45, W.D. 8.0mm	Accu-Scope	410-3177-FL	Each	$1,250.00	4.0%	$1,200.00
Science Laboratory and Teaching Supplies	500-3174-APO	10x NIS Plan APO objective, N.A. 0.45, W.D. 4.0mm	Accu-Scope	500-3174-APO	Each	$1,795.00	4.0%	$1,723.20
Science Laboratory and Teaching Supplies	500-3175-APO	40xR NIS Plan APO objective, N.A. 0.95, W.D. 0.21mm, correction collar 0.11-0.23mm	Accu-Scope	500-3175-APO	Each	$3,295.00	4.0%	$3,163.20
Science Laboratory and Teaching Supplies	500-3177-APO	20x NIS Plan APO objective, N.A. 0.75, W.D. 1.1mm	Accu-Scope	500-3177-APO	Each	$1,595.00	4.0%	$1,531.20
Science Laboratory and Teaching Supplies	EXC-100-WB	Binocular Microscope with Built-in WiFi Camera Same as EXC-100 except with built-in 2MP WiFi camera, spring-loaded, rotatable tablet holder with Android tablet that attaches to top of viewing head, and rechargeable LED illumination	Accu-Scope	EXC-100-WB	Each	$1,575.00	4.0%	$1,512.00
Science Laboratory and Teaching Supplies	EXC-100-WB3	Binocular Microscope with Built-in WiFi Camera Same as EXC-100-WB except with only 4x, 10x and SP40xR objectives	Accu-Scope	EXC-100-WB3	Each	$1,525.00	4.0%	$1,464.00
Science Laboratory and Teaching Supplies	EXC-101-WM	Monocular Microscope with Built-in WiFi Camera Same as EXC-100-WB except with monocular viewing head	Accu-Scope	EXC-101-WM	Each	$1,439.00	4.0%	$1,381.44
Science Laboratory and Teaching Supplies	EXC-101-WM3	Monocular Microscope with Built-in WiFi Camera Same as EXC-101-WB except with only 4x, 10x and SP40xR objectives	Accu-Scope	EXC-101-WM3	Each	$1,345.00	4.0%	$1,291.20
Science Laboratory and Teaching Supplies	i8-LC00-20M	20 MP CMOS Color / USB 3.0	Accu-Scope	i8-LC00-20M	Each	$4,095.00	4.0%	$3,931.20
Science Laboratory and Teaching Supplies	13140	Trinocular Zoom Stereo Microscope on Diascopic Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13140	Each	$1,661.00	4.0%	$1,594.56
Science Laboratory and Teaching Supplies	13540	Trinocular Zoom Stereo Microscope on Diascopic Stand Same as above except with a 45° trinocular viewing head, 50/50 light split C-mount adapters and cameras sold separately	Unitron	13540	Each	$1,730.00	4.0%	$1,660.80

Science Laboratory and Teaching Supplies	14856	Coarse Focus Mount with 5/8" Stud	Unitron	14856	Each	$116.00	4.0%	$111.36
Science Laboratory and Teaching Supplies	15636BB	Ball bearing boom stand, horizontal arm with bonder port, base dimensions 10" x 10", Vertical post 15.5", Horizontal arm 23"	Unitron	15636BB	Each	$438.00	4.0%	$420.48
Science Laboratory and Teaching Supplies	15864	UNITRON LED140 ring Illuminator, 66mm I.D. with variable light control, color temperature of 6000K, 50,000 hour rated bulb life, ESD safe, Produces 4,030 foot candles at 4" working distance	Unitron	15864	Each	$349.00	4.0%	$335.04
Science Laboratory and Teaching Supplies	15920	LED dome light	Unitron	15920	Each	$120.00	4.0%	$115.20
Science Laboratory and Teaching Supplies	3205	Immersion Oil - Type A, 1/4 oz Cargille	Accu-Scope	3205	Each	$23.00	4.0%	$22.08
Science Laboratory and Teaching Supplies	010-00553R	X-Cite XYLIS II, XT730S (365nm) Includes: - X-Cite XYLIS II (XT730S), unit only - Accessory Kit (tools, USB cable, power cord)	Accu-Scope	010-00553R	Each	$6,995.00	4.0%	$6,715.20
Science Laboratory and Teaching Supplies	010-00555R	X-Cite XYLIS II, XT730S (365nm) w/1.5m LLG, SD remote, adaptor Includes: - X-Cite XYLIS II (XT730S), speedDIAL remote - Accessory Kit (tools, USB cable, power cord) - 3mm x 1500mm Liquid Light Guide (805-00038) - Microscope Adaptor	Accu-Scope	010-00555R	Each	$8,560.00	4.0%	$8,217.60
Science Laboratory and Teaching Supplies	010-00557R	X-Cite XYLIS II, XT730S (365nm) w/1.5m LLG, SD remote Includes: - X-Cite XYLIS II (XT730S), speedDIAL remote - Accessory Kit (tools, USB cable, power cord) - 3mm x 1500mm Liquid Light Guide (805-00038) - No microscope adaptor	Accu-Scope	010-00557R	Each	$7,970.00	4.0%	$7,651.20
Science Laboratory and Teaching Supplies	010-00560R	X-Cite XYLIS II, XT730L (385nm) w/1.5m LLG, SD remote, adaptor Includes: - X-Cite XYLIS II (XT730L), speedDIAL remote - Accessory Kit (tools, USB cable, power cord) - 3mm x 1500mm Liquid Light Guide (805-00038) - Microscope Adaptor	Accu-Scope	010-00560R	Each	$8,560.00	4.0%	$8,217.60
Science Laboratory and Teaching Supplies	010-00576R	X-Cite XYLIS II, XT730L (385nm), SD remote Includes: - X-Cite XYLIS II (XT730L), speedDIAL remote - Accessory Kit (tools, USB cable, power cord)	Accu-Scope	010-00576R	Each	$7,495.00	4.0%	$7,195.20
Science Laboratory and Teaching Supplies	012-66000R	X-Cite exacte/200DC replacement lamp module	Accu-Scope	012-66000R	Each	$775.00	4.0%	$744.00
Science Laboratory and Teaching Supplies	310-39385	DAPI, Hoechst filter set for EXI-310 Series EX: 390/40x, BS: 415DC, EM: 460/50m	Accu-Scope	310-39385	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	310-39470	FITC/GFP filter set for EXI-310 Series EX: 470/40x, BS: 505DC, EM: 535/50m	Accu-Scope	310-39470	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	310-39525	TRITC, Cy3, mOrange, Alexa 532 filter set for EXI-310 Series EX: 525/40x, BS: 560DC, EM: 605/55m	Accu-Scope	310-39525	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	310-39560	tDtomato, DsRed, Alexa 568 filter set for EXI-310 Series EX: 560/40x, BS: 600DC, EM: 630/60m	Accu-Scope	310-39560	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	310-39580	**Texas Red, mCherry, Alexa 594 filter set for EXI-310 Series** **EX: 580/40x, BS: 600DC, EM: 650/75/M**	Accu-Scope	310-39580	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	310-39620	Cy5 filter set for EXI-310 Series EX: AT620/50x, BS: 655DC, EM: 690/50M	Accu-Scope	310-39620	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	3137-INST	Install reticle in eyepiece	Accu-Scope	3137-INST	Each	$52.00	4.0%	$49.92
Science Laboratory and Teaching Supplies	400-39365	DAPI, Hoechst filter set for EXC-400 & EXC-500 Series EX: 350/50x, BS: 400DC, EM: 460/50m	Accu-Scope	400-39365	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	400-39385	DAPI, Hoechst filter set for EXC-400 & EXC-500 Series EX: 390/40x, BS: 415DC, EM: 460/50m	Accu-Scope	400-39385	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	400-39470	FITC/GFP filter set for EXC-400 & EXC-500 Series EX: 470/40x, BS: 505DC, EM: 535/50m	Accu-Scope	400-39470	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	400-39525	TRITC, Cy3, mOrange, Alexa 532 filter set for EXC-400 & 500 Series EX: 525/40x, BS: 560DC, EM: 605/55m	Accu-Scope	400-39525	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	400-39560	tDtomato, DsRed, Alexa568 filter set for EXC-400 & 500 Series EX: 560/40x, BS: 600DC, EM: 630/60m	Accu-Scope	400-39560	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	400-39580	Texas Red, mCherry, Alexa 594 filter set EXC-400 & 500 Series EX: 580/40x, BS: 600DC, EM: 650/75/M	Accu-Scope	400-39580	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-19001	Aqua Longpass filter set for EXI-410 EX: AT420/40x, DM: AT455DC, EM: AT465lp	Accu-Scope	410-19001	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-19011	Coumarin, Pacific Blue filter set for EXI-410 EX: AT405/30x, DM: AT440DC, EM: AT450lp	Accu-Scope	410-19011	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-39365	DAPI, Hoechst filter set for EXI-410 Series EX: 350/50x, BS: 400DC, EM: 460/50m	Accu-Scope	410-39365	Each	$1,195.00	4.0%	$1,147.20

Science Laboratory and Teaching Supplies	410-39395	DAPI, Hoechst filter set for EXI-410 Series EX: 390/40x, BS: 415DC, EM: 460/50m	Accu-Scope	410-39395	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-39470	FITC/GFP filter set for EXI-410 Series EX: 470/40x, BS: 505DC, EM: 535/50m	Accu-Scope	410-39470	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-39525	TRITC, Cy3, mOrange, Alexa 532 filter set for EXI-410 Series EX :525/40x, BS: 560DC, EM: 605/55m	Accu-Scope	410-39525	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-39560	tDtomato, DsRed, Alexa 568 filter set for EXI-410 Series EX: 560/40x, BS: 600DC, EM: 630/60m	Accu-Scope	410-39560	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-39580	Texas Red, mCherry, Alexa 594 filter set for EXI-410 EX: 580/40x, BS: 600DC, EM: 650/75/M	Accu-Scope	410-39580	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	410-49002	GFP, FITC filter set EX: AT480/30x, BS: AT505DC, EM: AT535/40m	Accu-Scope	410-49002	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	410-49005	DSRed, TRITC, Cy3 filter set EX: ET545/30x, BS: T570lp, EM: ET620/60m	Accu-Scope	410-49005	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	410-49006	Cy5 filter set EX: ET620/60x, BS: T660lpxr, EM: ET700/75m	Accu-Scope	410-49006	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	410-49008	Texas Red, filter set EM: AT560/40x, BS: T585lpxr, EM: AT630/75m	Accu-Scope	410-49008	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	410-49028	DAPI filter set EX: 395/25x, BS: T425lpxr, EM: ET 460/50m	Accu-Scope	410-49028	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-19002	GFP/FITC Longpass filter set for EXC-400 & 500 Series Exciter: AT480/30x, Dichroic: AT505DC, Emitter: AT515LP	Accu-Scope	500-19002	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	500-39009	Acridine Orange filter set for EXC-400 & 500 Series EX: 480/30x, BS: 505DC, EM: 620/60m	Accu-Scope	500-39009	Each	$1,195.00	4.0%	$1,147.20
Science Laboratory and Teaching Supplies	500-49000	DAPI - AT350/50x (EX), T400lp (BS), ET460/50m (EM)	Accu-Scope	500-49000	Each	$1,325.00	4.0%	$1,272.00
Science Laboratory and Teaching Supplies	500-49002	GFP, FITC filter set EX: AT480/30x, BS: AT505DC, EM: AT535/40m	Accu-Scope	500-49002	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49004	TRITC filter set EX: ET545/25x, BS: TS565lpxr EM: ET605/70m	Accu-Scope	500-49004	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49005	DSRed, TRITC, Cy3 filter set EX: ET545/30x, BS: T570lp, EM: ET620/60m	Accu-Scope	500-49005	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49006	Cy5 filter set EX: ET620/60x, BS: T660lpxr, EM: ET700/75m	Accu-Scope	500-49006	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49007	Cy7 filter set, EX: ET710/75x, BS: T760lpxr, EM: ET810/90m	Accu-Scope	500-49007	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49008	Texas Red filter set EX: AT560/40x, BS: T585lpxr, EM: AT630/75m	Accu-Scope	500-49008	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49012	FITC/EGFP Longpass for use with LED illuminators..Exciter: 480/40x, Dichrohic: T510lpxrxt, Emitter: ET510lp	Accu-Scope	500-49012	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49028	DAPI filter set EX: 395/25x, BS: T425lpxr, EM: ET 460/50m	Accu-Scope	500-49028	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49302	ET Aqua - FISH..ET436/20x (EX), T455lp (BS), ET480/30m (EM)	Accu-Scope	500-49302	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-49304	ET - Gold FISH..ET546/10x (EX), T556lpxr (BS), ET572/23m (EM)	Accu-Scope	500-49304	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-59010	ET - Green/Red Fish # 1..ET - Green/Red Fish # 1..59010x (EX), 59010bs (BS), 59010m	Accu-Scope	500-59010	Each	$1,680.00	4.0%	$1,612.80
Science Laboratory and Teaching Supplies	500-69000	Triple Band Pass Filter Set, DAPI/FITC/TRITC	Accu-Scope	500-69000	Each	$2,240.00	4.0%	$2,150.40
Science Laboratory and Teaching Supplies	AU-600URC-CCD	6.0 MP CCD Color / USB 3.0	Accu-Scope	AU-600URC-CCD	Each	$6,000.00	4.0%	$5,760.00
Science Laboratory and Teaching Supplies	3137-INST	Installation of any reticle into the eyepiece	Unitron	3137-INST	Each	$52.00	4.0%	$49.92
Science Laboratory and Teaching Supplies	15864-POL	UNITRON LED140 ring Illuminator with polarizing attachment, 66mm I.D. with variable light control, color temperature of 6000K, 50,000 hour rated bulb life, ESD safe, Produces 4,030 foot candles at 4" working distance	Unitron	15864-POL	Each	$713.00	4.0%	$684.48
Science Laboratory and Teaching Supplies	15859	UNITRON LED580 ring Illuminator, 66mm I.D., 80 LED lights divided into an inner and outer ring. Each ring contains 4 segments of light, each of which can be turned on/off or varied by the external control box, Color temperature 6500K, Produces 5800 foot candles at 4.5" working distance	Unitron	15859	Each	$742.00	4.0%	$712.32
Science Laboratory and Teaching Supplies	15859-POL	UNITRON LED580 ring Illuminator with polarizing attachment, 66mm I.D., 80 LED lights divided into an inner and outer ring. Each ring contains 4 segments of light, each of which can be turned on/off or varied by the external control box, Color temperature 6500K, Produces 5800 foot candles at 4.5" working distance	Unitron	15859-POL	Each	$1,115.00	4.0%	$1,070.40
Science Laboratory and Teaching Supplies	15859-B	UNITRON LED580 UV/ Daylight Ring Illuminator, Config B, 40 UV-A LED's inner ring, 40 White LED's outer ring. Each ring contains 4 segments of light, each of which can be turned on/off or varied by the external control box.	Unitron	15859-B	Each	$1,122.00	4.0%	$1,077.12
Science Laboratory and Teaching Supplies	18746	UNITRON LED240 ring illuminator, 66mm I.D., 4 segments, color temperature 5500K	Unitron	18746	Each	$585.00	4.0%	$561.60

Science Laboratory and Teaching Supplies	15875	LED ring light with vertical LED, 54 LEDs, 8000K color temp, 61mm I.D., variable intensity, AC adapter	Unitron	15875	Each	$495.00	4.0%	$475.20
Science Laboratory and Teaching Supplies	15875-CF	Clear filter for 15875 LED ring light, snap on	Unitron	15875-CF	Each	$40.00	4.0%	$38.40
Science Laboratory and Teaching Supplies	15875-RS	Diffusing white filter for 15875 LED ring light, snap on	Unitron	15875-RS	Each	$40.00	4.0%	$38.40
Science Laboratory and Teaching Supplies	15875-WF	Warming filter for 15875 LED ring light, approx. 5000K color temp, snap on	Unitron	15875-WF	Each	$40.00	4.0%	$38.40
Science Laboratory and Teaching Supplies	15875-AF	Amber filter for 15875 LED ring light, snap on	Unitron	15875-AF	Each	$40.00	4.0%	$38.40
Science Laboratory and Teaching Supplies	15875-BF	Blue filter for 15875 LED ring light, snap on	Unitron	15875-BF	Each	$40.00	4.0%	$38.40
Science Laboratory and Teaching Supplies	15875-BP	Battery pack for 15875 LED ring light, requires 8 AA batteries (not included)	Unitron	15875-BP	Each	$123.00	4.0%	$118.08
Science Laboratory and Teaching Supplies	15875-OFP	Set of 1 each of all 5 accessory filters for 15875 LED ring light, CF/RS/WF/AF/BF	Unitron	15875-OFP	Each	$189.00	4.0%	$181.44
Science Laboratory and Teaching Supplies	15875-LED	Replacement short vertical light LED for 15875 LED ring light	Unitron	15875-LED	Each	$62.00	4.0%	$59.52
Science Laboratory and Teaching Supplies	15875-LEDL	Long vertical light LED for 15875 LED ring light, plugs into 15875 LED ring light	Unitron	15875-LEDL	Each	$68.00	4.0%	$65.28
Science Laboratory and Teaching Supplies	15875-PS	Replacement AC power adapter for 15875 LED ring light	Unitron	15875-PS	Each	$50.00	4.0%	$48.00
Science Laboratory and Teaching Supplies	15875-SZAD	Adapter for mounting 15875 ring light on Olympus SZ stereo microscopes	Unitron	15875-SZAD	Each	$70.00	4.0%	$67.20
Science Laboratory and Teaching Supplies	15875-CAD	Adapter for mounting 15875 ring light on Carton stereo microscopes	Unitron	15875-CAD	Each	$70.00	4.0%	$67.20
Science Laboratory and Teaching Supplies	15875-6070AD	Adapter for mounting 15875 ring light to Φ60-70mm objectives on stereo microscopes	Unitron	15875-6070AD	Each	$70.00	4.0%	$67.20