

## 6. MultiRAE Multi-Threat Monitors (PGM-62X8 Series)

### 6.5 MultiRAE Monitors Configuration Guide (Model PGM-6228)

| R Certification of Intrinsic Safety   |  |    |    |   |   |   | USD        |
|---|--|----|----|---|---|---|------------|
| B CSA   |  |    |    |   |   |   | \$0.00     |
| Z INMETRO   |  |    |    |   |   |   | \$0.00     |
| M   |  |    |    |   |   |   | USD        |
| 3 MultiRAE - Pumped (PGM-6228)  |  |    |    |   |   |   | \$3,259.00 |
| Sensor Options  |  | AA | BB | C | D | E |            |
| 00/0 Dummy Sensor   |  |    |    |   |   |   | \$0.00     |
| 4R+ PID Sensors   |  |    |    |   |   |   |            |
| A1 PID, HR, 10.6 eV PID sensor (0.1 - 5,000 ppm; 0.1 ppm res.)  |  |    |    |   |   |   | \$863.00   |
| A4 PID, 9.8eV (2,000ppm, 0.1ppm res.)   |  |    |    |   |   |   | \$1,001.00 |
| Combustible NDIR Sensors  |  |    |    |   |   |   |            |
| B4 NDIR, % LEL sensor (0-100% LEL CH4)  |  |    |    |   |   |   | \$1,152.00 |
| B5 NDIR, % Vol.* Combustible Sensor (0-100% Vol. CH4)   |  |    |    |   |   |   | \$1,152.00 |
| CO <sub>2</sub> NDIR Sensors  |  |    |    |   |   |   |            |
| B8 CO <sub>2</sub> NDIR, HR Carbon dioxide NDIR sensor (up to 50,000 ppm)                                 |  |    |    |   |   |   | \$1,152.00 |
| LEL Catalytic Bead Sensor   |  |    |    |   |   |   |            |
| C1 LEL Combustible catalytic bead sensor  |  |    |    |   |   |   | \$294.00   |
| Electrochemical Sensors*  |  |    |    |   |   |   |            |
| 01/1 H <sub>2</sub> S*** Hydrogen Sulfide sensor (up to 100 ppm reading)                                  |  |    |    |   |   |   | \$294.00   |
| 02/2 CO Carbon Monoxide sensor (up to 500 ppm reading)  |  |    |    |   |   |   | \$294.00   |
| 03/3 SO <sub>2</sub> Sulfur Dioxide sensor  |  |    |    |   |   |   | \$431.00   |
| 04/4 NO*** Nitric Oxide sensor  |  |    |    |   |   |   | \$502.00   |
| 05/5 NO <sub>2</sub> Nitrogen Dioxide sensor  |  |    |    |   |   |   | \$502.00   |
| 06/6 Cl <sub>2</sub> *** Chlorine sensor  |  |    |    |   |   |   | \$431.00   |
| 07/7 HCN Hydrogen Cyanide sensor  |  |    |    |   |   |   | \$585.00   |
| 08/8 NH <sub>3</sub> *** Ammonia sensor   |  |    |    |   |   |   | \$585.00   |
| 09/9 PH <sub>3</sub> Phosphine sensor (up to 20 ppm reading)  |  |    |    |   |   |   | \$585.00   |
| 0A/A ClO <sub>2</sub> ** Chlorine Dioxide sensor  |  |    |    |   |   |   | \$585.00   |
| 0D/D CO, HR Carbon Monoxide sensor (up to 2,000 ppm reading)  |  |    |    |   |   |   | \$431.00   |
| 0E/E O <sub>2</sub> Oxygen sensor   |  |    |    |   |   |   | \$294.00   |
| 0F/F CO comp. H <sub>2</sub> Carbon Monoxide sensor (Hydrogen-compensated)                                |  |    |    |   |   |   | \$502.00   |
| 0H/H CH <sub>3</sub> -SH Methyl Mercaptan sensor  |  |    |    |   |   |   | \$724.00   |
| 0J/J EtO-A Ethylene Oxide sensor (0 - 100 ppm; 1 ppm res.)  |  |    |    |   |   |   | \$431.00   |
| 0K/K EtO-B Ethylene Oxide sensor (0 - 10 ppm, 0.1 ppm res.)   |  |    |    |   |   |   | \$431.00   |
| 0Q/Q HCHO Formaldehyde sensor   |  |    |    |   |   |   | \$1,001.00 |
| 0R/R CO+H <sub>2</sub> S*** Carbon Monoxide+Hydrogen Sulfide combo  |  |    |    |   |   |   | \$585.00   |
| 0S/S Liquid O <sub>2</sub> Liquid Oxygen sensor   |  |    |    |   |   |   | \$365.00   |
| 0U/U PH <sub>3</sub> -H Phosphine sensor (allows cross calibration)                                       |  |    |    |   |   |   | \$585.00   |
| F Wireless Options  |  |    |    |   |   |   | USD        |
| 0 Non-wireless  |  |    |    |   |   |   | \$0.00     |
| 4 Wireless, 900 MHz (active 900 MHz wireless modem), Americas   |  |    |    |   |   |   | \$411.00   |
| B BLE   |  |    |    |   |   |   | \$265.00   |
| E LORA 915 MHz  |  |    |    |   |   |   | \$411.00   |
| W Wi-Fi modem (built-in wireless modem)   |  |    |    |   |   |   | \$397.00   |
| P P2P Communication capability  |  |    |    |   |   |   | \$1,294.00 |
| G Battery Options   |  |    |    |   |   |   | USD        |
| 1 Extended-duration (Li-ion) battery with alkaline adapter  |  |    |    |   |   |   | \$234.00   |
| 2 Rechargeable (Li-ion) battery with alkaline adapter   |  |    |    |   |   |   | \$163.00   |
| 3 Alkaline battery pack   |  |    |    |   |   |   | \$0.00     |
| H Kits and Accessories  |  |    |    |   |   |   | USD        |
| 0 Monitor only  |  |    |    |   |   |   | \$0.00     |
| 2 Accessories / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) Cal. Kit (with 1 regulator) |  |    |    |   |   |   | \$510.00   |
| 9 Pelican case upgrade: Monitor only  |  |    |    |   |   |   | \$874.00   |
| M Pelican case upgrade: Access. / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) Cal. K    |  |    |    |   |   |   | \$1,221.00 |
| 4 Benzene kit (Hard case + consumable for Benzene specific measurement)                                   |  |    |    |   |   |   | \$452.00   |
| 5 Accessories / Conf. Space + 100 ppm Isobutylene Cal. Kit (with 1 regulator)                             |  |    |    |   |   |   | \$946.00   |
| 6 Access. / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) + 100 ppm Iso Cal. Kit (2 reg)  |  |    |    |   |   |   | \$1,324.00 |
| 7 Pelican case upgrade: Access. / Conf. Space + 100ppm Isobutylene Cal. Kit (w                            |  |    |    |   |   |   | \$1,671.00 |

\* Note: NDIR % Vol. combustible sensor must be accompanied by the catalytic % LEL sensor (installs in slot BB)

Select one sensor for each of the five slots. Use the two digit code for Sensor 1 and 2. Use the one digit code for Sensors 3 - 5. If the instrument is ordered with fewer than five sensors, a dummy sensor must be installed in the empty sensor slot(s). Sensors cannot be installed in black marked slots.

**Notes:**  
\* When ordering electrochemical sensors, please select the lower number first  
\*\* ClO<sub>2</sub> and H<sub>2</sub>S or CO+H<sub>2</sub>S cannot be installed in the same instrument  
\*\*\* Cl<sub>2</sub> and H<sub>2</sub>S or CO+H<sub>2</sub>S cannot be installed in the same instrument

Cl<sub>2</sub> and ClO<sub>2</sub> sensors have cross sensitivity but it is fail safe  
Please refer to TN114 for cross interference between electrochemical sensors

**Example:**

MultiRAE-Pumped / 10.6 eV PID / LEL / H:S / CO / O<sub>2</sub> / Li-ion / Non-Wireless/Unit only

|    |   |    |    |  |  |  |  |    |   |   |    |   |   |   |
|----|---|----|----|--|--|--|--|----|---|---|----|---|---|---|
| MB | B | 3- | A1 |  |  |  |  | C1 | 1 | 2 | E- | 0 | 2 | 0 |
|----|---|----|----|--|--|--|--|----|---|---|----|---|---|---|

→ 0+3259+863+294+294+294+294+0+163+0 = USD 5461

MultiRAE-Pumped / 10.6 eV PID / LEL / H:S / CO / O<sub>2</sub> / Li-ion / Wireless (900 MHz)/Unit with Accessories / Confined Space and Calibration (4-gas + Iso) Kits

|    |   |    |    |  |  |  |  |    |   |   |    |   |   |   |
|----|---|----|----|--|--|--|--|----|---|---|----|---|---|---|
| MB | B | 3- | A1 |  |  |  |  | C1 | 1 | 2 | E- | 3 | 2 | 6 |
|----|---|----|----|--|--|--|--|----|---|---|----|---|---|---|

→ 0+3259+863+294+294+294+294+411+163+1324 = USD 7196