

## QRAE Plus Model PGM-2000 Series

The QRAE Plus is a full-featured, compact, one to four- sensor gas detector. The standard combustible gas sensor provides readings in the 0 – 100% LEL (lower explosion limit) range. The optional dual-mode combustible gas sensor provides 0 – 100% LEL readings as well as 1 – 100% by volume range when operated in the “TC” (thermal conductivity) mode. Other features include easy-to-change, externally accessible battery packs, internal vibrator alarm, and a more water-resistant case design. The rechargeable, Lithium-ion battery pack provides up to 18 hours of continuous operation (a spare alkaline battery pack is included with every monitor for emergency operation). The design includes datalogging storage capacity for download to PC-compatible computers with Windows™ 95, 98, 2000, NT, ME and XP.

## 1- to 4-Gas Personal Protection Monitor

See page 45 for AutoRAE.

### Monitor only includes:

- Shipping case
- Monitor as specified
- Sensors as specified
- Calibration adapter
- Quick reference guide
- Operation and maintenance manual
- Rubber boot with belt clip
- Alkaline battery adapter
- Training CDROM
- Pumped units additionally include:
  - 3 external filters
  - Inlet probe 3"
  - External filter adapter
- Rechargeable units additionally include:
  - Lithium-ion battery pack with charger
  - Universal AC/DC Wall Adapter with international plug kit

### All QRAE Plus monitors come standard with datalogging and include the following additional accessories:

- Software, ProRAE Suite Package for Windows™ 95, 98, 2000, NT, ME & XP
- Computer interface cable

### Optional Accessories Kit adds:

- Hard transport case with pre-cut foam
- 15' (5 m) Tygon® tubing
- Hand pump (for diffusion models)
- Tool kit

### Optional Calibration Kit adds:

- Four-gas mix in a 34L cylinder: 50% LEL, 20.9% O<sub>2</sub>, 10 ppm hydrogen sulfide, 50 ppm carbon monoxide
- Flow Regulator (C-10) and tubing

Multi Gas accessories are listed on pgs. 33-36.

Additional calibration systems, gas kits, individual gases and regulators are listed on pgs. 45-50.



## QRAE Plus Monitors

These are the most commonly purchased QRAE PLUS monitors, with a universal charger and an international plug kit. For other configurations, use the standard configurator on the next page.

### Standard Sensor Configurations

	Pumped	Li-ion / Universal Charger	Datalogging	Accessories Kit	Calibration Kit	PART NUMBER	LIST PRICE
<b>LEL / O<sub>2</sub> / H<sub>2</sub>S</b>							
Unit only	•	•	•			028-1101-010	\$1,007.00
Unit with Accessories Kit (no gas or regulator)	•	•	•	•		028-1101-011	\$1,256.00
Unit with Accessories and Calibration Kit	•	•	•	•	•	028-1101-014	\$1,504.00
<b>LEL / O<sub>2</sub> / CO</b>							
Unit only	•	•	•			028-1102-010	\$1,007.00
Unit with Accessories Kit (no gas or regulator)	•	•	•	•		028-1102-011	\$1,256.00
Unit with Accessories and Calibration Kit	•	•	•	•	•	028-1102-013	\$1,372.00
<b>LEL / O<sub>2</sub> / H<sub>2</sub>S / CO</b>							
Unit only	•	•	•			028-1112-010	\$1,223.00
Unit with Accessories Kit (no gas or regulator)	•	•	•	•		028-1112-011	\$1,472.00
Unit with Accessories and Calibration Kit	•	•	•	•	•	028-1112-012	\$1,720.00

# QRAE Plus Monitors

QRAE Plus, PGM-2000/2020 Basic Unit

\$111.00

A		Combustible Sensors			
0	Empty – Dummy sensor			+	\$ 0.00
1	LEL Combustible gas sensor	QRAE Plus is not available with less than 2 sensors.		+	\$ 216.00
2	LEL/%VOL Combustible dual-range sensor			+	\$ 249.00
B		Oxygen Sensors			
0	Empty – Dummy sensor			+	\$ 0.00
1	O <sub>2</sub> Oxygen sensor			+	\$ 133.00
C		Interchangeable TOX 1 Sensor* (see note)			
0	Empty Dummy sensor			+	\$ 0.00
1	H <sub>2</sub> S Hydrogen Sulfide sensor	* Note: The Oxygen sensor is <u>NOT</u> interchangeable with the toxic sensors.  When ordering toxic sensors 3 through 9, please select the lower number first.		+	\$ 216.00
2	CO Carbon Monoxide sensor			+	\$ 216.00
3	SO <sub>2</sub> Sulfur Dioxide sensor			+	\$ 216.00
4	NO Nitric Oxide sensor			+	\$ 216.00
5	NO <sub>2</sub> Nitrogen Dioxide sensor			+	\$ 216.00
6	Cl <sub>2</sub> Chlorine sensor			+	\$ 216.00
7	HCN Hydrogen Cyanide sensor			+	\$ 436.00
8	NH <sub>3</sub> Ammonia sensor			+	\$ 436.00
9	PH <sub>3</sub> Phosphine sensor			+	\$ 436.00
D				Interchangeable TOX 2 Sensor*	
0	Empty Dummy sensor			+	\$ 0.00
1	H <sub>2</sub> S Hydrogen Sulfide sensor			+	\$ 216.00
2	CO Carbon Monoxide sensor			+	\$ 216.00
3	SO <sub>2</sub> Sulfur Dioxide sensor			+	\$ 216.00
4	NO Nitric Oxide sensor			+	\$ 216.00
5	NO <sub>2</sub> Nitrogen Dioxide sensor			+	\$ 216.00
6	Cl <sub>2</sub> Chlorine sensor			+	\$ 216.00
7	HCN Hydrogen Cyanide sensor			+	\$ 436.00
8	NH <sub>3</sub> Ammonia sensor			+	\$ 436.00
9	PH <sub>3</sub> Phosphine sensor			+	\$ 436.00
E		Pumps, Batteries, Chargers			
0	Pump, rechargeable Li-ion battery, universal wall adapter			+	\$ 331.00
1	Pump, Li-ion battery, universal EEx / ATEX wall adapter			+	\$ 441.00
2	Pump, rechargeable Li-ion battery, no wall adapter			+	\$ 299.00
3	Pump, alkaline batteries			+	\$ 221.00
4	Obsolete				
5	Obsolete				
6	Obsolete				
7	Obsolete				
8	Obsolete				
9	Obsolete				
a	Pump, Li-ion battery, ATEX barrier / adapter, no wall adapter			+	\$ 426.00
F		Datalogging			
1	Datalogging monitor – includes software & cable			+	\$ 0.00
G		Kits			
0	Monitor only			+	\$ 0.00
1	Monitor with Accessories Kit			+	\$ 249.00
2	Access. And 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) Calibration Kit			+	\$ 497.00
3	Access. And 3-gas (LEL/O <sub>2</sub> /CO) Calibration Kit			+	\$ 365.00
4	Access. And 3-gas (LEL/O <sub>2</sub> /H <sub>2</sub> S) Calibration Kit			+	\$ 497.00
5	Access. And 2-gas (LEL/O <sub>2</sub> ) Calibration Kit			+	\$ 304.00
					<b>Total</b>

028 - A B C D - E 1 G

## QRAE Plus Configurator Guide

From the table above, select one option from each Feature Group, **A** through **G**, to build a complete model number:

**028** - **A** **B** **C** **D** - **E** **1** **G**  
 QRAE Plus    LEL Sensor    O2 Sensor    TOX 1 Sensor    TOX 2 Sensor    Pump / Batteries    Datalogging (Always 1)    Kits

Pricing subject to change without notice