

Multi-Gas Monitors

QRAE II Multi Gas Detector

QRAE II Model PGM-2400

The QRAE II is a versatile diffusion or pumped one-to-four gas monitor for detection of combustibles, oxygen, hydrogen sulfide, or carbon monoxide. Standard features include easy-to-change battery packs, easy access to sensors, internal vibrating alarm, loud 95dB audible alarm, and a water-resistant IP65 case design. The durable, rechargeable, Lithium-ion battery delivers up to 14 hours of continuous operation in diffusion mode (a spare alkaline battery adapter is included for 10 hour back-up operation).

Our patented SPE O2 sensor provides extra life performance with a RoHS compliant lead-free design. The QRAEII includes datalogging storage capacity for download to PC-compatible computers with Windows™ 95, 98, 2000, NT, ME, XP and Vista

Monitor only includes:

- Monitor as specified
- Sensors as specified
- Alkaline adapter (Back-up operation)
- Internal filters (diffusion model only)
- Rechargeable Li-Ion units include:
 - Charging/download cradle with computer cable
 - Lithium-ion battery pack
 - Universal wall Adapter

Alkaline battery version does not include charging/download cradle

- CD ROM with user manual and ProRAE Studio
- Quick start guide
- External filter (pump model only)
- Calibration adapter (diffusion model only)

Optional Confined Space Kit 1 (CSK1, P/N 020-0040-010, \$ 212.00) adds:

- Hard transport case with pre-cut foam
- Tool Kit
- Hand pump
- 10" stiff aluminum Sample probe with replaceable filter
- 6 feet (2 meters) Tygon® tubing
- Water Trap filter (pack of 3)

Optional Confined Space Kit 2 (CSK2, P/N 020-0040-020, \$ 634.00) adds:

- Four-gas mix in a 34L cylinder part number 600-0050-007
(50% LEL, 18% O2, 10 ppm Hydrogen Sulfide, 50 ppm Carbon Monoxide)
- Regulator and tubing
- Cal gas cylinder ()

Bulk package of 10 includes:

- 10 monitors as specified with calibration certificate
- 10 calibration cap and 2 Allen wrench service tools
- 2 quickstart guide and 2 CD's
- **DOES NOT INCLUDE CHARGING CRADLES**
(multi-unit charger needs to be ordered separately)

Note: Both new QRAE 2 diffusion or pumped are compatible with AutoRAE Lite station.

QRAE II (PGM-2400) standard configurations (pack of one)

Description	PART NUMBER	LIST PRICE
QRAE II diffusion LEL CSA-UL / O ₂ / H ₂ S 100 ppm / CO - Alkaline only	020-1111-1A0	\$563.00
QRAE II diffusion LEL CSA-UL / O ₂ / H ₂ S 100 ppm / CO - Li-Ion rechargeable	020-1111-0A0	\$615.00
QRAE II pumped LEL CSA-UL / O ₂ / H ₂ S 100 ppm / CO - Li-Ion rechargeable	020-1111-2A0	\$718.00

QRAE II (PGM-2400) Bulk package (pack of 10)

Description	PART NUMBER	LIST PRICE
10-units package QRAE II diffusion LEL CSA-UL/ O ₂ / H ₂ S 100 ppm/ CO - Alkaline	020-1111-1AA	\$4,630.00
10-units package QRAE II diffusion LEL CSA-UL/ O ₂ / H ₂ S 100 ppm/ CO - Li-Ion	020-1111-0AA	\$5,145.00
10-units package QRAE II pumped LEL CSA-UL/ O ₂ / H ₂ S 100 ppm/ CO - Li-Ion	020-1111-2AA	\$6,587.00
Multi Unit charger (5 QRAE II cradles)	020-3461-005	\$407.00

Automated Bump Test and Calibration Station

AutoRAE Lite (see product page 48)

DESCRIPTION	PART NUMBER	PRICE
Bump Test and Calibration (QRAE 2 version)	T01-0001-000	\$1,334.00
4 Gas mix (50% CH ₄ , 18% O ₂ , 10 ppm H ₂ S, 50 ppm CO, N ₂ balance), 34 liters	600-0050-007	\$245.00

QRAE II Monitors

QRAE II, PGM-2400

A	Interchangeable TOX 1 Sensor				
0	Empty	Dummy sensor	+	\$	\$0.00
1	H ₂ S	Hydrogen Sulfide 100 ppm	+	\$	\$57.00
B	Interchangeable TOX 2 Sensor				
0	Empty	Dummy sensor	+	\$	\$0.00
1	CO	Carbon Monoxide	+	\$	\$57.00
C	Interchangeable Combustible Sensors				
0	Empty	Dummy sensor	+	\$	\$0.00
1	LEL	CSA/UL	+	\$	\$57.00
D	Oxygen sensor SPE				
0	Empty	Dummy sensor	+	\$	\$0.00
1	O ₂ SPE	Oxygen	+	\$	\$57.00
E	Pumps, Batteries, Chargers, Certification				
0	Diffusion, rechargeable Li-Ion battery, universal wall adapter		+	\$	\$387.00
1	Diffusion, alkaline batteries, (must be configured with 2 sensors min.)		+	\$	\$335.00
2	Pump, rechargeable Li-Ion battery, universal wall adapter		+	\$	\$490.00
F	Languages				
A	English		+	\$	\$0.00

020 - **A** **B** **C** **D** - **E** **F** **0**

Total

QRAE II Configurator Guide

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



QRAE II Monitors

Accessories/Sensors for QRAE II Monitors

DESCRIPTION	RAE PART #	List Price
Calibration / Flow through Adapter	020-3412-000	\$39.00
Charging/download Station for QRAE II (without charger & cable)	020-3461-000	\$212.00
Universal wall adapter, 110 VAC to 240 VAC, 12 VDC, with international plug kit	500-0036-100	\$39.00
Re-chargeable Lithium-ion battery	020-3402-000	\$168.00
Alkaline battery adapter	020-3403-000	\$14.00
Computer interface cable 9 pin male to female.	029-3003-000	\$44.00
Cable adapter (USB to serial)	410-0210-000	\$108.00
CSK1 (does not include monitor)	020-0040-010	\$212.00
CSK2 (does not include monitor)	020-0040-020	\$634.00
4-gas calibration mix, 34 L aluminum cylinder (50% CH ₄ , 18% O ₂ , 10 ppm H ₂ S, 50 ppm CO, bal N ₂)	600-0050-007	\$245.00
Constant-Flow regulator, 1 L/min with tubing	007-3021-000	\$233.00
Carbon Monoxide sensor	032-0200-000	\$163.00
Hydrogen Sulfide sensor 0,1-100 ppm	032-0202-000	\$163.00
Combustible sensor %LEL	014-0212-000	\$163.00
Oxygen SPE sensor,	022-0300-000	\$109.00
Dust Filter (pack of 5) for diffusion model	020-2419-005	\$28.00
Water trap external Filter (pack of 10) for pumped model	008-3022-010	\$22.00
Pump assembly	020-3603-000	\$201.00
Gas plate (pack of 2) for pump version	020-3604-002-FRU	\$37.00
Gas plate (pack of 2) for diffusion version	020-3411-002-FRU	\$26.00
Protective leather case with strap for QRAE 2	020-2476-000	\$47.00
CD, QRAEII	000-0020-000	\$28.00