

SentryRAE Steel Monitors

SentryRAE Steel

Model PGM-5010

One-to-five Sensor, Easily Transportable Multi Gas Area Monitor with PID

SentryRAE Steel detectors are Class 1, Division 1 certified gas monitors. They are rugged, weatherproof, and can run over 24-hours at a time via a built-in, rechargeable lithium-ion battery pack. The SentryRAE Steel is capable of using a photoionization detector (PID) for parts-per-million measurement of volatile organic compounds (VOCs), as well as LEL, O₂ and up to two electrochemical toxic sensors for measurement of specific toxic substances such as CO and H₂S.

The SentryRAE Steel is ideal for plant turnarounds, emergency response, confined space entry and many other monitoring programs.

Standard features:

- Up to five sensors (PID, LEL, O₂ and two toxic)
- Loud buzzer and large, extra-bright warning light
- Large LCD display and keypad
- Rugged, weather-proof housing (IP55)
- Built-in pump
- Interchangeable Li-Ion or alkaline battery pack
- Continuous operation via AC source

Applications:

- Refineries and petrochemicals plants
- Confined space entry
- Plant and mill turnarounds
- Power plants
- Pulp and paper industry
- Marine and offshore wells

New C1D1
Multigas Monitor!



*SentryRAE Shown with optional stand

Monitor only includes:

- Monitor as specified
- Sensors as specified
- Carbon filters (for units with CO)
- Calibration adapter
- Operation and Maintenance Manual
- Rechargeable Lithium ion battery pack
- 110/240 V AC/DC Wall Adapter
- Spare alkaline battery pack
- External filters
- 10 spare external water trap filters
- Hard transport case with pre-cut foam
- 15' (5 M) Tygon tubing
- Tool Kit

Instrument with calibration kit also includes:

- Calibration gas (kit may contain multiple cylinders depending on the sensors installed)
- Calibration regulator and tubing (kit may contain a second regulator depending on the types of calibration gases included)
- Hard transport case with pre-cut foam

Datalogging Monitors also include:

- Software, ProRAE Suite Package for Windows 95, 98 and NT
- Computer interface cable

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Tel: 1.877.723.2878 | Fax: 1.408.952.8480

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SentryRAE Steel only includes:

- Monitor as specified
- Sensors as specified
- Operation and Maintenance Manual
- Shoulder strap
- Rechargeable Lithium ion battery pack
- Charger
- Spare alkaline battery pack
- Hard transport case with pre-cut foam
- 15' (5 M) Teflon tubing
- Tool Kit

Additional monitor configurations are available using our standard Configurator on following page

AreaRAE with Accessories and Calibration Kit also includes:

Appropriate calibration gases and regulators

Li-ion Bat, 230 V Charger, US Plug
Datalogging
Calibration Kit

STANDARD SENSOR CONFIGURATIONS

LEL / O ₂				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3000-A00	\$ 1,655.00
SentryRAE Steel as specified with calibration kit	•	•		040-3000-A03	\$ 1,980.00
SentryRAE Steel as specified	•	•		040-3000-A10	\$ 1,905.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3000-A13	\$ 2,230.00
LEL / O ₂ / H ₂ S				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3100-A00	\$ 1,850.00
SentryRAE Steel as specified with calibration kit	•	•		040-3100-A04	\$ 2,300.00
SentryRAE Steel as specified	•	•		040-3100-A10	\$ 2,100.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3100-A14	\$ 2,750.00
LEL / O ₂ / CO				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3200-A00	\$ 1,850.00
SentryRAE Steel as specified with calibration kit	•	•		040-3200-A05	\$ 2,240.00
SentryRAE Steel as specified	•	•		040-3200-A10	\$ 2,100.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3200-A15	\$ 2,490.00
LEL / O ₂ / 10.6 eV PID				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3001-A00	\$ 3,155.00
SentryRAE Steel as specified with calibration kit	•	•		040-3001-A06	\$ 3,545.00
SentryRAE Steel as specified	•	•		040-3001-A10	\$ 3,405.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3001-A16	\$ 3,795.00
LEL / O ₂ / H ₂ S / CO				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3120-A00	\$ 2,045.00
SentryRAE Steel as specified with calibration kit	•	•		040-3120-A01	\$ 2,495.00
SentryRAE Steel as specified	•	•		040-3120-A10	\$ 2,295.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3120-A11	\$ 2,745.00
LEL / O ₂ / H ₂ S / CO / 10.6 eV PID				PART NUMBER	LIST PRICE
SentryRAE Steel as specified	•			040-3121-A00	\$ 3,545.00
SentryRAE Steel as specified with calibration kit	•	•		040-3121-A02	\$ 4,245.00
SentryRAE Steel as specified	•	•		040-3121-A10	\$ 3,795.00
SentryRAE Steel as specified with calibration kit	•	•	•	040-3121-A12	\$ 4,495.00

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SentryRAE Steel, PGM-5010

Basic Unit

Must select option from each group to determine total cost

\$ 1360.00

Combustible & Oxygen Sensors

0	Empty- dummy sensor	+	\$	0.00
1	LEL Combustible	+	\$	175.00
2	O2 Oxygen	+	\$	120.00
3	LEL/O2 Combustible and Oxygen	+	\$	295.00

Interchangeable Tox 1 Sensor (*see note below)

0	Empty - dummy sensor	+	\$	0.00
1	H2S Hydrogen Sulfide sensor	+	\$	195.00
2	CO Carbon Monoxide sensor	+	\$	195.00
3	SO2 Sulfur Dioxide sensor	+	\$	195.00
4	NO Nitric Oxide sensor	+	\$	195.00
5	NO2 Nitrogen Dioxide sensor	+	\$	195.00
6	Cl2 Chlorine sensor	+	\$	195.00
7	HCN Hydrogen Cyanide sensor	+	\$	395.00
8	NH3 Ammonia sensor	+	\$	395.00
9	PH3 Phosphine sensor	+	\$	395.00
A	HCl Hydrogen Chloride	+	\$	395.00
B	HF Hydrogen Flouride	+	\$	395.00
C	CO Carbon Monoxide sensor (10-2000 ppm)	+	\$	195.00

Interchangeable Tox 2 Sensor

0	Empty - dummy sensor	+	\$	0.00
1	H2S Hydrogen Sulfide sensor	+	\$	195.00
2	CO Carbon Monoxide sensor	+	\$	195.00
3	SO2 Sulfur Dioxide sensor	+	\$	195.00
5	NO2 Nitrogen Dioxide sensor	+	\$	195.00
6	Cl2 Chlorine sensor	+	\$	195.00
7	HCN Hydrogen Cyanide sensor	+	\$	395.00
8	NH3 Ammonia sensor	+	\$	395.00
9	PH3 Phosphine sensor	+	\$	395.00
A	HCl Hydrogen Chloride	+	\$	395.00
B	HF Hydrogen Flouride	+	\$	395.00
C	CO Carbon Monoxide sensor (10-2000 ppm)	+	\$	195.00

Photo Ionization Detector

0	Empty - dummy sensor	+	\$	0.00
1	10.6 eV lamp	+	\$	1,500.00

Housing

A	Stainless Steel	+	\$	200.00
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Datalogging

0	Non-datalogging	+	\$	0.00
1	Datalogging monitor - includes software & cable	+	\$	250.00

Kits (See note below)**

0	Monitor and standard accessories	+	\$	0.00
1	Monitor and 4-gas (O2/LEL/CO/H2S) Calibration Kit	+	\$	450.00
2	Monitor and 4-gas (O2/LEL/CO/H2S) plus Isobutylene Calibration Kit	+	\$	700.00
3	Monitor and 2-gas (O2/LEL) Calibration Kit	+	\$	325.00
4	Monitor and 3-gas (O2/LEL/H2S) Calibration Kit	+	\$	450.00
5	Monitor and 3-gas (O2/LEL/CO) Calibration Kit	+	\$	390.00
6	Monitor and 2-gas (O2/LEL) plus Isobutylene Cal Kit	+	\$	390.00

040-



Total

***Note: If ordering 2 toxic sensors, use the lower number first. Specify any combination except NO + NH3**

****Note: Calibration kit components for SentryRAE Steel detectors equipped with SO₂, Cl₂, NO₂, NO, PH₃, HCN, NH₃, or other non-standard sensors, or cal kits for detectors with special calibration requirements, must be ordered separately.**

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