ToxiRAE 3

Personal Monitor for CO or H_2S



Actual size

The ToxiRAE 3 is a full-featured single-gas monitor that offers unequaled value. The ToxiRAE 3 is compatible with the AutoRAE Lite bump test and calibration station, fastest on the market, so that the monitors can be put back to work quickly. The detector features a 2-year warranty and can record STEL, TWA, high, and low alarms.

- **Lowest cost of ownership on the market**
- **Rugged dust-tight and waterproof housing for harsh environments**
- **Fastest instrument response time on the market for better protection and worker safety**

KEY FEATURES

- High-performance, 3-electrode, pinless micro sensor with the fastest response time
- 0.1 ppm H_2S resolution, and high-range 1999 ppm CO available
- Large, easy-to-read display for gas concentration or days remaining (user-configurable)
- Event logging of up to 10 events
- Data downloads and monitor configuration via the AutoRAE Lite calibration station
- Intuitive, simple-to-operate user interface
- IP-67 water- and dust-resistant
- Loud, 95 dB audible alarm, bright red flashing LEDs, and internal vibration alarm
- Color-coded labels for gas type
- Extended operating temperature of -4° to 140° F (-20° to +60° C) with full T4 approval
- User-configurable bump/calibration reminders

APPLICATIONS

- Emergency response
- Environmental
- Fire service
- Industrial safety
- Oil and gas



The ToxiRAE 3 reliably protects workers in potentially hazardous environments without getting in the way.

ISO 9001 CERTIFIED IECEx ATEX

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SPECIFICATIONS

Detector Specifications

Size	3.4" x 2.2" x 0.8" (8.6 cm x 5.5 cm x 2.0 cm)
Weight	3.5 oz (99.4 g)
Battery	User-replaceable 2/3 AA high-capacity lithium
Alarms	• 95 dB typical (at 30 cm) buzzer and flashing red LED to indicate exceeded preset limits • High: Displays "High" and emits 3 beeps and flashes per second • Low: Displays "Low" and emits 2 beeps and flashes per second • STEL: Displays "STEL" and emits 1 beep and flash per second • TWA: Displays "TWA" and emits 1 beep and flash per second • Vibration alarm • 6-LED visible alarm
Data logging	10 events
Response time	T90 < 12 seconds
IP Rating	IP-67
EMI/RFI	Highly resistant to EMI/RFI. Compliant with EMC directive 89/336/EEC
Certification	US and Canada: C1D1, Groups A, B, C, D, T4 Europe: ATEX II 1G EEx ia IIC T4 IECEX: Ex ia IIC T4
Operating Temperature	Continuous: -4° to 140° F (-20° to +60° C) Intermittent: -22° to 140° F (-30° to +60° C)
Humidity	0 to 95% relative humidity (non-condensing)
Warranty	2 years, including sensor and battery if used within specs
Calibration	Two-point calibration for zero and span

Specifications are subject to change



Convenient small size



Bump testing ToxiRAE 3 with AutoRAE Lite Bump Test and Calibration Station

Sensor Specifications

Gas	Range (ppm)	Resolution (ppm)
H_2S	0 to 100	0.1
CO	0 to 500	1
CO	0 to 1999	1

TOXIRAE 3 ORDERING OPTIONS

Pack of 1: ToxiRAE 3 with specified sensor:

- 2/3 AA lithium battery
- One mini-CD with instruction manual and training materials
- Alligator clip
- Calibration adapter

Pack of 10

- 10 ToxiRAE 3 monitors with specified sensor
- 2 mini-CDs with instruction manual and training materials
- 2 calibration adapters
- 10 alligator clips

Pack of 100

10 packs of 10

Accessories (optional)

- AutoRAE Lite Automatic Test and Calibration Station

ORDERING INFORMATION

Part Numbers

ToxiRAE 3 Monitor

Monitor	Pack of 1	Pack of 10	Pack of 100
H_2S	G01-0102-000	G01-0102-010	G01-0102-100
CO Low range	G01-0101-000	G01-0101-010	G01-0101-100
CO High range	G01-0103-000	G01-0103-010	G01-0103-100

AutoRAE Lite

Bump Test and Calibration Station	T01-0100-000

CORPORATE HEADQUARTERS

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