ToxiRAE 3

Personal Monitor for CO or H₂S

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, one of the 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 in the industry

- 0.1 ppm H_2S resolution, and high-range 1999 ppm CO available

- Large, easy-to-read and user-configurable display (concentration or days remaining)

- Event logging of up to 10 events

- Data downloads and monitor configuration via the AutoRAE Lite calibration station

- IP-67 water- and dust-resistant

- Loud, 95 dB audible alarm, bright red flashing LEDs, and internal vibration alarm

- 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 CSA us CE IECEx ATEX

ToxiRAE 3

Personal Monitor for CO or H₂S

RAE SYSTEMS
by Honeywell

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 2004/108/EC
Certification	cCSAus: C1D1, Groups A, B, C, D, T4 ATEX: ⟨Ex⟩II 1G Ex ia IIC T4 Ga IECEX: Ex ia IIC T4 Ga
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)
H₂S	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

ToxiRAE 3 Monitor

Monitor	Pack of 1	Pack of 10	Pack of 100
H₂S	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