

Portable Gas Monitor

RAE ToxiRAE 3

The ToxiRAE 3 is a full-featured single-gas monitor that offers unequaled cost of ownership value. The ToxiRAE 3 is compatible with the AutoRAE Lite bump and calibration station. The detector features a 2 year warranty and can record STEL, TWA, high, and low alarms.

FEATURES

- Lowest cost of ownership on the market
- High-performance, 3-electrode, pinless microsensor with the fastest response time on the market for better protection and worker safety
- 0.1 ppm H₂S resolution, and high-range 1999 ppm CO available
- Large, easy-to-read display for gas concentration or days remaining (end-user adjustable)
- Event logging of up to 10 events
- Full activity records when used with AutoRAE Lite calibration station
- Intuitive, simple-to-operate user interface
- IP67 water- and dust-resistant
- Loud, 95 dB audible alarm, bright red flashing visible 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
- Fastest bump station on the market with highest productivity, putting workers back to work quickly
- Rugged stainless steel housing for harsh environments



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:	<ul style="list-style-type: none"> • 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:	IP67
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 Temp:	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

Sensor Specifications*

Gas	Range (ppm)	Resolution (ppm)
H ₂ S	0 to 100	0.1
CO	0 to 500	1
CO	0 to 1999	1

*Specifications are subject to change

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