

ToxiRAE 3 for EMS First Responders

Personal Gas Monitor for CO



Actual size

Lowest cost of ownership on the market

Rugged stainless-steel housing for harsh environments

Highly resistant to EMI/RFI

Fastest instrument response time on the market, for better protection and worker safety

Fastest bump station on the market, with highest productivity, putting workers back to work quickly

The ToxiRAE 3 is a full-featured single-gas monitor that offers unequalled cost of ownership value. The ToxiRAE 3 is compatible with the AutoRAE Lite bump and calibration station. The detector features a 2-year warranty.

Key Features

- 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
- Simple to operate
- Water- and dust-resistant (IP-67)
- Loud, 95dB audible alarm, bright red flashing visible LEDs, and internal vibration alarm
- Extended operating temperature of -4° to 140° F (-20° to +60° C)
- User-configurable bump/calibration reminders

"The AutoRAE Lite bump and calibration station makes the system easy to maintain."

—JEMS September 2009

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



"The ToxiRAE3 CO Monitor from RAE Systems is an easy to use, single-gas monitor that can be quickly attached to a first-in bag to monitor the atmosphere."

—JEMS September 2009

Tough alligator clip holds on tight



IECEX ATEX



ToxiRAE 3 for EMS First Responders

Specifications

Sensor Specifications*

Gas	Range (ppm)	Resolution (ppm)
CO	0 to 500	1

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">• 95dB 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

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

Ordering Information

ToxiRAE 3 for CO Monitor

Monitors	1 to 9 Units	10 to 99 Units	Pack of 100
Part #s	G01-0101-000	G01-0101-010	G01-0101-100

Calibration Accessories

Accessories	AutoRAE Lite Bump Test and Calibration Station	103L Cylinder of CO for use in AutoRAE Lite	CO Calibration Kit (if not using AutoRAE Lite)
Part #s	T01-0100-000	600-1000-000	007-3112-000



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