

ToxiRAE 3



Key Features

- High-performance 3-electrode pinless micro sensor with the fastest response time
- 0.1 ppm H₂S resolution, and high-range 1999 ppm CO available
- Large, easy-to-read display facilitates overview of 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
- IP-67 water-proof 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

Personal Gas Monitor for CO and H₂S

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. STEL, TWA, low, and high alarms can also be recorded. The detector is warranted for 2 years and maintenance free with replaceable battery.

- Lowest cost of ownership on the market
- Rugged steel housing for harsh environments
- 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
- Compact, low-cost bump and calibration station enables the ability to put the bump capability where it is needed



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



Convenient small size

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)

- Slide-in belt clip
- AutoRAE Lite Bump Test and Calibration Station

Ordering Information

Part Numbers

ToxiRAE 3 Monitor

Monitor	Pack of 1	Pack of 10	Pack of 100
H ₂ S	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
-----------------------------------	--------------

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

Detector Specifications*

Technical Specification	
Size:	3.4" x 2.2" x 0.8" (8.6 cm x 5.5 cm x 2.0 cm)
Weight:	12.3 oz (76 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
Datalogging:	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

Casella CEL

Regent House, Wolseley Road, Kempston, Bedford, MK42 7JY, United Kingdom
Tel: +44 (0) 1234 844100 Fax: +44 (0) 1234 841490 Email: info@casellacel.com Web: www.casellameasurement.com

SM11011 v 1.0