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.

**KEY FEATURES**
- High-performance, 3-electrode, pinless micro sensor with the fastest response time in the industry
- 0.1 ppm H₂S 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

- 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

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

**Detector Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>3.4&quot; x 2.2&quot; x 0.8&quot; (8.6 cm x 5.5 cm x 2.0 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.5 oz (99.4 g)</td>
</tr>
<tr>
<td>Battery</td>
<td>User-replaceable 2/3 AA high-capacity lithium</td>
</tr>
</tbody>
</table>
| 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       | • cCSAs: C1D1, Groups A, B, C, D, T4  
                     • ATEX: 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.

**Sensor Specifications**

<table>
<thead>
<tr>
<th>Gas</th>
<th>Range (ppm)</th>
<th>Resolution (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2S</td>
<td>0 to 100</td>
<td>0.1</td>
</tr>
<tr>
<td>CO</td>
<td>0 to 500</td>
<td>1</td>
</tr>
<tr>
<td>CO</td>
<td>0 to 1999</td>
<td>1</td>
</tr>
</tbody>
</table>

**TOXI dRAE 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**

<table>
<thead>
<tr>
<th>Monitor</th>
<th>Pack of 1</th>
<th>Pack of 10</th>
<th>Pack of 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>H2S</td>
<td>G01-0102-000</td>
<td>G01-0102-010</td>
<td>G01-0102-100</td>
</tr>
<tr>
<td>CO Low range</td>
<td>G01-0101-000</td>
<td>G01-0101-010</td>
<td>G01-0101-100</td>
</tr>
<tr>
<td>CO High range</td>
<td>G01-0103-000</td>
<td>G01-0103-010</td>
<td>G01-0103-100</td>
</tr>
</tbody>
</table>

**AutoRAE Lite**

| Bump Test and Calibration Station | T01-0100-000 |

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**Convenient small size**

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