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.

**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

“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
ToxiRAE 3 for EMS First Responders

Specifications

Sensor Specifications*

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

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     | • 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 Ex 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

<table>
<thead>
<tr>
<th>Monitors</th>
<th>1 to 9 Units</th>
<th>10 to 99 Units</th>
<th>Pack of 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #s</td>
<td>G01-0101-000</td>
<td>G01-0101-010</td>
<td>G01-0101-100</td>
</tr>
</tbody>
</table>

Calibration Accessories

<table>
<thead>
<tr>
<th>Accessories</th>
<th>AutoRAE Lite Bump Test and Calibration Station</th>
<th>103L Cylinder of CO for use in AutoRAE Lite</th>
<th>CO Calibration Kit (if not using AutoRAE Lite)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part #s</td>
<td>T01-0100-000</td>
<td>600-1000-000</td>
<td>007-3112-000</td>
</tr>
</tbody>
</table>

Toll-Free: 877-723-2878