Now it is easy to maximize safety

AutoRAE is an automated calibration, bump test and charging system for RAE Systems gas monitors.

Supports Multiple Monitors
AutoRAE cradles are available for EntryRAE, MiniRAE 2000, MultiRAE Plus, QRAE, QRAE II and QRAE Plus.

Pushbutton Easy
Press the button once for a bump test, twice for calibration, and walk away. A few minutes later, easy-to-read LEDs inform you of the status of the gas monitor’s sensors. If the monitor fails the bump test, the system automatically performs a calibration.

Printing Capability
The ability to print bump and calibration certificates with an optional external printer.

No PC Needed
An optional external printer allows AutoRAE to print bump test and calibration certificates for record keeping.

For One, Two, or Many
Each AutoRAE controller can accommodate up to 10 instrument cradles. Cradles can be easily added or removed when the job demands it.

Snap-Together Construction
Connecting the cradle to the controller and connecting cradles to each other is a snap. A single rigid mechanism containing all three throughputs (power, data, and gas) snaps one cradle to another.

Simply place the monitor in a cradle (with the external filter on!) and the power, gas, and data ports of the gas monitor are all engaged.

Key Features
- Automatic calibration and bump testing
- Automatic charging
- PC-free, pushbutton easy
- Reduces or eliminates the need for specialized service technicians
- Monitors are always calibrated and charged
- Increases user confidence and safety
- Bump and calibration certificates can be printed or saved to a computer for record keeping
Specifications*

Calibration Gas Specifications

<table>
<thead>
<tr>
<th>Sensor(s)</th>
<th>Gas</th>
<th>Regulator</th>
</tr>
</thead>
<tbody>
<tr>
<td>PID</td>
<td>100 ppm Isobutylene</td>
<td>Demand-flow</td>
</tr>
<tr>
<td>Oxygen</td>
<td>Fresh Air</td>
<td>None</td>
</tr>
<tr>
<td>Combustible, Carbon Monoxide, and Hydrogen</td>
<td>4-gas mix: 50% LEL, 20.9% O₂, 10 ppm H₂S, 50 ppm CO</td>
<td>Demand-flow</td>
</tr>
<tr>
<td></td>
<td>4-gas mix: 50% LEL, 18% O₂, 10 ppm H₂S, 50 ppm CO</td>
<td>None</td>
</tr>
</tbody>
</table>

AutoRAE Starter Kit (PN 048-5900-000)

- One AutoRAE Controller
- Tubing to connect two cylinders of calibration gases
- One cradle (specify monitor type)
- Universal Power Supply
- One PC-PC Ethernet cable for firmware upgrading
- User manual and quick start guide
- Shipping cases

AutoRAE Accessories

- **Isobutylene span gas**
  34-liter cylinder of 100 ppm isobutylene calibration gas (PN 600-0002-000)
- **4-gas mix span gas**
  34-liter cylinder of 4-gas mix of 50% LEL methane, 20.9% oxygen, 10 ppm hydrogen sulfide, 50 ppm carbon monoxide, balance nitrogen (PN 600-0050-004)
- **4-gas mix span gas (for QRAE II)**
  34-liter cylinder of 4-gas mix of 50% LEL CH₄, 18% O₂, 10 ppm hydrogen sulfide, 50 ppm carbon monoxide, balance nitrogen (PN 600-0050-007)
- **Printer Kit**
  Includes Epson printer, cable, one set of paper (PN 550-0250-000)

**NOTE:**

AutoRAE requires the use of demand-flow regulators
- Female-threaded demand-flow regulator for the isobutylene cylinder (PN 002-3051-000)
- Male-threaded demand-flow regulator for the 4-gas mix cylinder (PN 008-3052-000)

*Specifications are subject to change*