AutoRAE 2 Automatic Test and Calibration System

The AutoRAE 2 Automatic Test and Calibration System for Honeywell RAE Systems portable monitors makes instrument testing and calibration compliance as easy as pressing a button. Simply cradle the monitor, and the system takes care of calibration, testing, and battery recharging.

The AutoRAE 2 system is flexible and modular, and can be configured to efficiently meet your calibration and records management requirements. An AutoRAE 2 system can be as simple as a single cradle deployed in stand-alone mode to calibrate one instrument at a time, or as powerful as a networked, controller-based system supporting 10 instrument cradles and 5 distinct calibration gases or gas mixtures.

- Easy, one-touch bump testing, calibration, charging, and records management
- Supports a wide variety of gases, including exotics
- Optimized for field use—does not require a computer to operate
- Firmware-upgradeable to protect your investment

Industries
- Oil and Gas
- Industrial
- Environmental
- Fire Service
- National Security

FEATURES & BENEFITS

- Automatic testing, calibration, charging system
- Deployable as a stand-alone cradle or a controller-based system with up to 10 cradles
- Controller with a large, color LCD display
- Networking capability
- Up to 5 calibration gas cylinders can be connected at the same time*
- Automatic instrument FW update option
- Instruments datalogging file recorded automatically on controller SD card
- Bench-top or wall-mounted use
- Instruments supported:
  - ToxiRAE Pro Series
  - QRAE3, MicroRAE
  - MultiRAE Series (except diffusion model)
- Single Cradle for all Handheld PID, QRAE 3 and ToxiRAE Pro family instruments
- Device Management with Honeywell SafetySuite

* Supported only on configurations that include the AutoRAE 2 Controller
## AutoRAE 2 Automatic Test and Calibration System

### Specifications

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>5.63&quot; x 10.43&quot; x 1.73&quot; (143 x 265 x 44 mm)</td>
<td>2.16 lbs. (0.98 kg)</td>
<td>1.96 lbs. (0.89 kg)</td>
<td>1.90 lbs. (0.86 kg)</td>
<td>1.96 lbs. (0.89 kg)</td>
<td>2.16 lbs. (0.98 kg)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>AC adapter (110 V to 240 V input, 12 V output, 7.5 A)</td>
<td>Charges one instrument at a time</td>
<td>Charges one instrument at a time</td>
<td></td>
<td></td>
<td>AC adapter (110 V to 240 V input, 12 V, 12.5 A output)</td>
</tr>
<tr>
<td><strong>Cradles Supported</strong></td>
<td>Up to 10 cradles total (any mix, any order)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Display</strong></td>
<td>5.7&quot; TFT (320 x 240) graphical backlit color LCD</td>
<td>2 seven-segment LEDs</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Buttons</strong></td>
<td>3 buttons ([Mode], [Y/+], and [N/-])</td>
<td>2 buttons ([Bump] and [Cal])</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Real-Time Clock</strong></td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Visual Alarm/Indicators</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Audible Alarm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gas Inlet/Outlet Ports</strong></td>
<td>6 inlets (1 dedicated fresh air inlet and 5 configurable calibration gas inlets), 1 exhaust port</td>
<td>3 inlets (1 dedicated fresh air inlet and 2 configurable calibration gas inlets), 1 exhaust port</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gas Port Connectors</strong></td>
<td>Connectors with 200-series barbs, L/8 (3.18 mm) ID tubing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gas Regulator</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pump Flow Rate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Storage</strong></td>
<td>Standard 2 GB SD card with security lock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PC Communications</strong></td>
<td>USB (Type B) port for direct connection to PC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Ordering Information

- **AutoRAE 2 Controller**
- **AutoRAE 2 Cradle for Handheld PID Models**
- **AutoRAE 2 Cradle for MicroRAE Models**
- **AutoRAE 2 Cradle for MultiRAE Pumped Models**

- **Wi-Fi Module for AutoRAE 2 Controller**

### Ordering Options

Refer to the Portables Pricing Guide for a complete list of AutoRAE 2 components and accessories.

### Warranty

- 2-year limited warranty

### Languages

- AutoRAE 2 Controller: English
- AutoRAE 2 Cradle: English

### Compliance

- AutoRAE 2 Controller: CE
- AutoRAE 2 Cradle: CE

### Technical Services

- EMEA: ha.expert@honeywell.com
- US: ha.us.service@honeywell.com
- AP: ha.ap.service@honeywell.com

### Device Management with Honeywell SafetySuite

www.honeywellanalytics.com

For more information

www.honeywellanalytics.com

Europe, Middle East, Africa

Life Safety Distribution GmbH
Tel: 00 800 800 800 800 (Freephone number)
Tel: +41 4 450 5800 (Fixed Gas Detection)
gasdetection@honeywell.com

Americas

Honeywell Analytics Distribution Inc.
Tel: +1 847 955 8200
Toll free: +1 888 723 4800

Asia Pacific

Honeywell Analytics Asia Pacific
Tel: +62 (0) 2 7690 0300
India Tel: +91 124 4752 700
China Tel: +86 10 5885 8788 3000
analytics.asia@honeywell.com

Datasheet_AutoRAE 2_DS-1083-07_EMEA-EN

Device Management with Honeywell SafetySuite

honeywellanalytics.com/SafetySuite

04/18 ©2018 Honeywell International Inc.