

# AutoRAE Lite Station

AutoRAE Lite automated bump and calibration station for QRAE II



The AutoRAE Lite high-speed, low-operating-cost bump test and calibration station stores data in a text file that can be opened by any spreadsheet software or text editor. In addition, the AutoRAE Lite operates on a low-pressure system with a built-in pump.

**12-second bump test**

**2-minute calibration**

**Configures gas monitor**

**Full documentation storage**

**Portable with battery option**

**Demand-flow system  
eliminates accidental leaks**

## Key Features

- Fully automated bump and calibration
- Bump test in 12 seconds
- Full calibration in 2 minutes
- Tamper-proof data files
- Optional battery operation
- Configures monitor
- "No gas flow" alarm
- Demand-flow system



*Calibrating QRAE II  
with AutoRAE Lite  
Bump Test and  
Calibration Station*



# AutoRAE Lite Station

## Specifications

### Detector Specifications\*

|                              |   |
|------------------------------|---|
| <b>Certifications</b>        | CE  |
| <b>Sensor</b>                | Light and sound sensors   |
| <b>Data Storage</b>          | Text files (format can be opened by any spreadsheet software or text editor), saved daily for:<br>1. Bump tests<br>2. Calibrations<br>3. Alarms<br>Tamper-proof |
| <b>Bump Test Time</b>        | 12 seconds  |
| <b>Bump Test Gas Usage</b>   | 70 cm <sup>3</sup>  |
| <b>Calibration Time</b>      | 2 minutes   |
| <b>Calibration Gas Usage</b> | 300 cm <sup>3</sup>   |
| <b>Pneumatic System</b>      | Demand-flow regulator<br>Built-in pump<br>"No gas flow" alarm   |
| <b>Power Supply</b>          | Universal power cord or battery pack  |
| <b>Operating Temperature</b> | +14° F to +122° F (-10° C to +50° C)  |
| <b>Humidity</b>              | 10% to 90% relative humidity, non-condensing  |
| <b>Dimensions</b>            | 15" L x 12.5" W x 6.5" H (38cm x 32cm x 17cm)   |
| <b>Weight</b>                | 8.56 lbs (3.9 kg)   |

\*Specifications are subject to change

### AutoRAE Lite includes:

- AutoRAE Lite as specified
- USB cable for PC setup
- Universal power supply
- Demand-flow regulator
- SD memory card, minimum 512Mb
- Quick-start guide
- Inlet filter
- Diffusion adapter
- CD includes:
  - Operation manual
  - Drivers
  - Utility software

## Ordering Information

### Part Numbers

#### AutoRAE Lite

|  |                     |
|--|---------------------|
| <b>Bump Test and Calibration Station for QRAE II</b>   | <b>T01-0001-000</b> |
| <b>Bump Test and Calibration Station for ToxiRAE 3</b> | <b>T01-0100-000</b> |

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