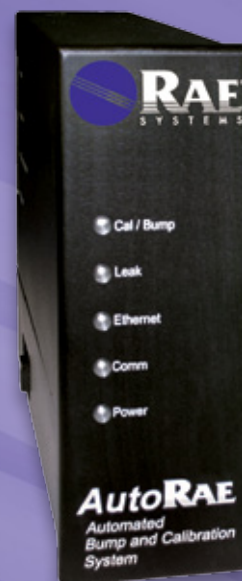




AutoRAE

Automated Bump Test and Calibration System



AutoRAE is an automated bump test, calibration, data download, and charging system for RAE Systems gas monitors, including EntryRAE, MiniRAE 3000, MultiRAE Plus*, ppbRAE 3000, QRAE*, and QRAE Plus. Engineered for maximum calibration efficiency, AutoRAE can support multiple plug-and-play instrument-specific cradles to enable simultaneous calibration and charging of up to 10 monitors at a time. Bump testing and calibration are as simple as a press of a button. Within minutes, easy-to-read LEDs inform you of the status of the gas monitors' sensors. If a monitor fails a bump test, the system automatically performs a calibration. AutoRAE can be connected to an optional external printer to generate bump test and calibration certificates for record keeping right on the spot.

KEY FEATURES

Fast and Efficient

- Saves time by calibrating and charging multiple devices simultaneously

Easy to Use

- Automatic, pushbutton-easy bump testing and calibration
- Requires minimal to no training to operate
- Does not require a PC
- Bump and calibration certificates can be printed on the spot or saved directly to a computer for record keeping

Focused on Safety

- Helps ensure monitors are always calibrated and charged
- Increases user confidence and safety

- Fully automated
- Calibrates and charges up to 10 monitors simultaneously
- Pushbutton easy
- Printing capability (optional)
- No PC needed to operate



* MultiRAE Plus (non-silver box), QRAE (non-silver box)

SPECIFICATIONS

Calibration Gas Specifications

Sensor(s) Calibrated	Gas	Regulator
PID	100 ppm Isobutylene or 10 ppm Isobutylene for ppbRAE 3000	Demand-flow
Oxygen	Fresh Air	None
Combustible, Carbon Monoxide, and Hydrogen	<ul style="list-style-type: none">4-gas mix: 50% LEL, 20.9% O₂, 10 ppm H₂S, 50 ppm CO4-gas mix: 50% LEL, 18% O₂, 10 ppm H₂S, 50 ppm CO	Demand-flow

AutoRAE Specifications

Size	<ul style="list-style-type: none">Controller: 11.0" x 3.38" x 8.63" (27.94 cm x 8.59 cm x 21.92 cm)Cradle: size varies
Gas Inlets	One fresh air, one isobutylene, one 4-gas mix, one optional
Monitors Supported in a Single Block	<ul style="list-style-type: none">EntryRAEMiniRAE 2000 and 3000MultiRAE Plus (non-silver box)QRAE (non-silver box)QRAE PlusppbRAE 3000
Power Supply	Universal Power Supply
Keypad	One-button operation
Cradle LEDs	<ul style="list-style-type: none">Charge: flashes when in process, steady when completeBump: flashes when in process, steady when completeCal: flashes when in process, steady when completeFail: flashes when a leak is detected, steady when calibration fails
Warranty	One year

Specifications are subject change

AUTORAE STARTER KIT

- 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)
- **Printer Kit**
Includes Epson printer, cable, one set of paper (PN 048-0990-000)

NOTE:

AutoRAE requires the use of demand-flow regulators

- Female-threaded demand-flow regulator for the isobutylene cylinder (PN 490-0052-000)
- Male-threaded demand-flow regulator for the 4-gas mix cylinder (PN 490-0053-000)

CORPORATE HEADQUARTERS

RAE Systems, Inc.
3775 North First Street
San Jose, CA 95134 USA
raesales@raesystems.com

DS-1005-04

WORLDWIDE SALES OFFICES

USA/Canada 1.877.723.2878
Europe +45.86.52.51.55
Middle East +00971.4.440.5949
China +86.10.5885.8788-3000
Asia Pacific +852.2669.0828