



RAE

Prod # 1560

UltraRAE Specific Benzene / Butadiene Monitor

The RAE Systems UltraRae is a PID detector with field replaceable RAE Sep filter tubes which remove all other hydrocarbons, thus making the unit specific to Benzene or Butadiene.

The concentration down to 0.1 ppm, is displayed within 60 seconds, making this unit very cost-effective compared to using a portable gas chromatograph. The UltraRae can be used for instantaneous readings or data logging.

Features:

- Specific compound monitor
- Fast Analysis within 60 seconds
- Low level detection (0.1 ppm)
- LCD with backlight
- Built-in data logging
- Automatic calibration

Applications:

- Benzene in Petrochemical industries
- Butadiene in plastics and rubber manufacturing
- Benzene or butadiene in other industries

Accessories:

- **Standard**
 - Battery charger
 - Carrying case
 - Calibration regulator
 - Probe
 - Tool Kit
 - Download Cable
- **Consumables**
 - RAE Sep tubes (Select benzene- or butadiene-specific)
 - Calibration gas

Specifications:

Range	: 0 - 200 ppm
Resolution	: 0.1 ppm
Repeatability	: $\pm 10\%$ of reading or ± 0.1 ppm
Dimensions	: 19.7 cm x 7.0 cm x 3.8 cm : (7.75" x 2.75" x 1.5")
Weight	: 455 g (16 oz)
Display	: LCD with backlighting
Alarm	: Two adjustable alarm levels Visual and audible (90 dB)
Sensor	: Photoionization
Battery	: Ni-Cad, rechargeable
Battery life	: 8 hrs
Data logging	: 3000 data points
Communication	: RS-232 link to serial port on PC
Operating Conditions	: Temperature 0°C to 40°C : RH 0-95% (non-condensing)



UL Classified - Class I, Division 1 Groups A,B,C & D