

MiniRAE3000

Portable Handheld VOC Monitor

Real Time. Real Results.



Environmental Applications

- Environmental Clean-up
- Landfill Monitoring
- Atmospheric Monitoring
- Soil Remediation



Protection Through Detection

MiniRAE³⁰⁰⁰

Real Time. Real Reliability.

3rd Generation PID Technology

- 3-second Response Time
- Extended Range: 0.1 to 15,000 ppm
- Humidity Compensation

Introducing the rugged, reliable and responsive MiniRAE 3000 Photoionization Detector (PID), RAE Systems' most advanced handheld volatile organic compound (VOC) monitor. Corporate clean-up teams, environmental engineers and consultants, and government agencies recognize the MiniRAE 3000 immediately and reliably detects more VOCs than any other PID on the market. It is the must-have tool crucial to isolating contaminated soil and pollution mapping for environmental cleanup sites. The unit's extended battery life and extended range is extremely versatile. Its oversized buttons, large display, easy maintenance and wireless capabilities make identifying the extent of contamination or leaks uncomplicated.

Equipment rental companies will appreciate how easy the MiniRAE 3000 is to service, in addition to self-cleaning and easy access to the lamp and sensor. The MiniRAE 3000 uses the same interface as the previous model so there's no new user training required.

Environmental

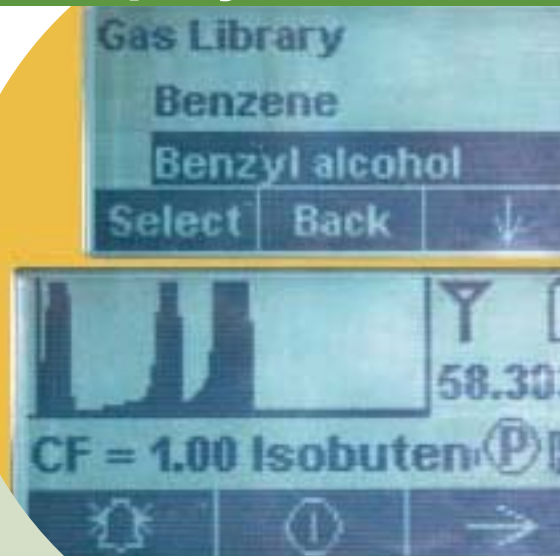
Feature	Benefits
Lightweight monitor, 738g (26 oz)	Easy to carry in one hand and is very portable even while wearing gloves.
Small size, compact	Product does not get in the way, is comfortable to use in confined spaces.
95dB acoustic alarm	Loud alarm to ensure noticeable alarms in noisy environment.
Ultra-bright optical alarm	Highly visible alarm ensures that the alarm is easy to notice.
Built-in flashlight	Operable in dark conditions and provides an added safety feature.
Plug-in PID sensor	Less than five minutes to clean in case of contamination.
Auto shutoff pump	Sensor will not be harmed by unwanted contaminants at low-flow condition.
Dutycycling™ technology	Sensor and lamp auto-cleaning extends operating life and minimizes maintenance frequency.
Integrated wireless modem	Obtain real-time data, and be aware up front of any abnormal events such as leaks or spills.

Order the MiniRAE 3000 VOC today by contacting a RAE Systems sales representative or our global sales force at raesales@raesystems.com.



Oversized Display

- Over 200 Correction Factors Built-In
- Numerical and Graphical Readout



Durable Construction

- IP-67 Waterproof Design for Easy Cleaning and Decontamination
- Strong, Protective Removable Rubber Boot



Wireless Modem

- Instantaneous Data and Alarms
- Optional 2 mile/3 km Range



Easy to Maintain

- Field Accessible Lamp and Battery



SPECIFICATIONS

Size	10"L x 3.0"W x 2.5"H (25.5cm x 7.6cm x 6.4cm)
Weight	26 oz (738 g)
Sensors	Photoionization sensor with standard 10.6 eV or optional 9.8 eV or 11.7 eV lamps (auto detectable)
Battery	Rechargeable, external field replaceable Lithium-ion battery pack • Alkaline battery adapter
Operating Hours	16 hours of operation
Direct Readout	Instantaneous reading: • VOCs as ppm by volume • High values • STEL and TWA • Battery and shutdown voltage • Date, time, temperature
Alarms	95dB buzzer (at 30 cm) and flashing red LED to indicate exceeding preset limits High: 3 beeps and flashes per second • Low: 2 beeps and flashes per second • STEL and TWA: 1 beep and flash per second
IP Rating	IP-67 unit off and without flexible probe • IP-65 unit running
Sampling Pump	Internal, integrated flow rate at 400 cc/min • Sample from 100' (30m) horizontally and vertically
Frequency	915 MHz (license-free), 2.4 GHz (license-free), 433 MHz, 869 MHz
RF Range	Up to 500 feet (915 MHz, 433 MHz, 869 MHz)—extendable with RAElink3 Repeater to 2 miles
Hazard Area Approval	US and Canada: UL, cUL, Classified as Intrinsically Safe for use in Class I, Division I Groups A, B, C, D Europe: ATEX II 1G EEx IIC T4 (pending) • IECEx: II 1G EEx ia IIC T4 (pending)



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