

The MiniRAE Lite+ is the most reliable handheld volatile organic compound (VOC) monitor on the market. Its photoionization detector's (PID) range of 0 to 5,000 ppm makes it an ideal instrument for applications ranging from environmental to construction.

FEATURES

- **Proven PID technology —**
The patented sensor provides the following unique features:
 - 3-second response time
 - Range up to 5,000 ppm
 - Humidity compensation
- **Designed for service —**
Easy access to lamp and sensor in seconds without tools
- **Big graphic display for easy overview of concentration**
- **Field-interchangeable battery pack, replaceable in seconds without tools**
- **Integrated flashlight for better visibility in low light**
- **Multi-language support with 12 languages encoded**
- **Rugged housing withstands use in harsh environments**
 - IP65 design
 - Strong, protective removable rubber boot

ADVANTAGES

- **Duty-cycling™ lamp and sensor auto-cleaning technology**
- **Tough, flexible inlet Flexi-Probe™**
- **Large keys are operable with 3 layers of gloves**
- **Strong, built-in sample pump draws up to 100' (30 m) horizontally or vertically**
- **Loud, 95 dB audible alarm**
- **Bright red flashing visible alarm**
- **Interchangeable drop-in Lithium-ion and alkaline battery packs**
- **3-year 10.6 eV lamp warrant**



CALL GEOTECH TODAY (800) 833-7958

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Photoionization Detector (PID)

Honeywell MiniRAE Lite+

SPECIFICATIONS

Sensor Specifications*

Gas Monitor	Range	Resolution	Response Time
VOCs	0 to 999.9 ppm	0.1 ppm	< 3 sec
VOCs	1,000 to 5,000 ppm	1 ppm	< 3 sec

Monitor Specifications*

Size	10" L x 3.0" W x 2.5" H (25.5 x 7.6 x 6.4 cm)
Weight	26 oz (738 g)
Sensors	Photoionization sensor with standard 10.6 eV lamp
Battery	<ul style="list-style-type: none"> Alkaline battery adapter External field-replaceable lithium-ion battery pack, if specified
Operating Hours	12 hours of operation on alkaline battery adapter (12 hours with lithium-ion battery pack)
Display Graphic	4 lines, 28 x 43 mm, with LED back light
Keypad	1 operation and 2 programming keys, 1 flashlight on/off
Direct Readout	Instantaneous reading of: <ul style="list-style-type: none"> VOCs as ppm by volume High and low values Date and time
Alarms	95 dB buzzer (at 30 cm) and flashing red LED to indicate exceeded preset limits <ul style="list-style-type: none"> High: 3 beeps and flashes per second Low: 2 beeps and flashes per second Alarm latching with manual override or automatic reset Additional diagnostic alarm and display message for low battery and pump stall
EMI/RFI	Highly resistant to EMI/RFI. Compliant with EMC directive 89/336/EEC
IP Rating	IP65
Calibration	Two-point calibration for zero and span
Accuracy	10 to 2000 ppm: ±5% at calibration point
Sampling Pump	<ul style="list-style-type: none"> Internal, integrated flow rate at 400 cc/min. Sample from 100' (30 m) horizontally and vertically
Low Flow Alarm	Auto shut-off pump at low-flow condition
Wireless Network	*Bluetooth Low Energy (option)
Safety Certification	ATEX II 2G EEx ia IIC T4
Wireless Range	Up to 15 ft. (5 m) for BLE (typical)
Operating Temp.	-4° to 113°F (-20° to 50°C)
Humidity	0 to 95% relative humidity (non-condensing)
Attachments	Durable green rubber boot
Warranty	3 years for 10.6 eV lamp, 1 year for pump, battery and instrument

*Specifications are subject to change

OPTIONS

Monitor only includes:

- MiniRAE Lite+ Monitor, Model PGM-7300
- RAE Systems 10.6 eV UV lamp
- Flex-I-Probe
- External filter
- Green rubber boot
- Alkaline battery adapter
- Lamp cleaning kit
- Tool kit
- Lithium-ion (Li-ion) battery, if specified with universal AC/DC charger and international plug kit
- Travel charger, if specified
- Universal wall adapter, if specified
- Operation & Maintenance Manual
- Soft leather carrying case

Monitor with accessories kit adds:

- Hard transport case with pre-cut foam
- 5 porous metal filters and O-rings
- Gas outlet port adapter and tubing

Optional calibration kit adds:

- 100 ppm isobutylene calibration gas, 34L
- Calibration regulator and flow controller

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