

MINIRAE LITE

Portable Handheld VOC Monitor



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.

ADDITIONAL 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' (30m) 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 warranty

Accurate VOC monitoring

Humidity compensation

Easy to maintain and operate

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 carry case

KEY FEATURES

- Proven PID technology - The patented sensor
- 3-second response time
- Range up to 5,000 ppm
- Humidity compensation
- Designed for service
- Big graphic display
- Field-interchangeable battery pack, replaceable in seconds without tools
- Integrated flashlight for better visibility in low light
- Multi-language support
- Rugged housing
- IP-65 design
- Strong, protective removable rubber boot

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SENSOR SPECIFICATIONS

VOC's (High Resolution):	Range (ppm): 0 to 999.9
	Resolution (ppm): 0.1
	Response Time (T90): < 3 sec
VOC's:	Range (ppm): 1,000 to 5,000
	Resolution (ppm): 1
	Response Time (T90): < 3 sec

SPECIFICATIONS Specifications subject to change without notice

Size	10" L x 3.0" W x 2.5" H (25.5 x 7.6 x 6.4 cm)	EMI/RFI	- Highly resistant to EMI/RFI. - Compliant with EMC directive 89/336/EEC
Weight	26oz (738 g)	IP Rating	IP-65
Sensors	Photoionization sensor with standard 10.6eV lamp	Calibration:	Two-point calibration for zero and span
Battery	- Alkaline battery adapter - External field-replaceable lithium-ion battery pack, if specified	Sampling Pump	- Internal, integrated flow rate at 400 cc/min - Sample from 100' (30m) horizontally and vertically
Operating Hours	12 hours of operation on alkaline battery adapter (12 hours with lithium-ion battery pack)	Low Flow Alarm:	Less than 5% signal loss per year
Display Graphic	4 lines, 28 x 43 mm, with LED back light	Hazardous Area Approval	None
Keypad	1 operation and 2 programming keys, 1 flashlight on/off	Operating Temperature	-4° to 113° F (-20° to 50° C)
Direct Readout	Instantaneous reading of: - VOCs as ppm by volume - High and low values - Date and time	Humidity	0 to 95% relative humidity (non-condensing)
Alarms	95 dB buzzer (at 30 cm) and flashing red LED to indicate exceeded preset limits - 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	Attachments	Durable green rubber boot
		Warranty	- 3 years for 10.6 eV lamp - 1 year for pump, battery and instrument



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