



INTRINSIC SAFETY
UL & cUL Class 1, Division I, Group A,B,C,D



Features:

- 0 - 2,000 ppm VOC detection
- Also measures combustible gases (LEL), O2, CO & H2S
- Compact and light-weight
- Easy one-button calibration and auto-zero
- Internal pump - sample draw over 30m (100') horizontally & vertically
- Operates with Ni-Cad or AA alkaline batteries

Typical Applications

- Confined space entry
- Oilfield safety
- Gas plants & refineries
- Chemical & petrochemical plants
- Construction & utilities

The **MultiRAE Plus** adds VOC detection capability to typical multi-gas parameters. Many VOCs are potentially toxic at levels that are well below the sensitivity of LEL sensors in most multi-gas monitors. The MultiRAE PLUS can be used as a personal monitor, a hand-held sniffer, or area monitor.

Specifications:

Parameter	Detector	Range	Resolution
Oxygen	Electrochemical	0 – 30%	0.1%
Combustible gas	Catalytic bead	0 – 100% LEL	1%
VOCs	PID, 10.6eV	0 – 200 ppm 200-2,000 ppm	0.1 ppm 1 ppm
Carbon monoxide	Electrochemical	0 – 500 ppm	1 ppm
Hydrogen sulphide	Electrochemical	0 – 100 ppm	1 ppm
Display	: 2-line, 16-digit LCD with auto backlighting in dim light or alarm condition		
Power	: Ni-Cad battery pack – 10 hours continuous power : 4-AA alkaline battery adapter		
Alarms	: 90 dB buzzer & flashing red LED		
Data Logging	: 20,000 points; programmable datalogging interval of 1-3600 sec		
Operating Conditions:	Temperature: -20°C to +45°C Relative Humidity: 0-95% RH (non-condensing)		
Dimensions:	11.8 cm x 7.6 cm x 4.8 cm (4.7" x 3" x 1.9")		
Weight:	454 g (16 oz.) with battery		

Accessories:

- **Standard:**
 - High visibility rubber boot
 - Wrist strap
 - Battery charger
 - Alkaline battery holder
- **Optional:**
 - Remote sampling probe