

MultiRAE IR Model PGM-54

The MultiRAE IR is a flexible one-to-five-sensor instrument for use in indoor air quality (IAQ), industrial hygiene and many other monitoring applications. This monitor employs a non-dispersive infrared (NDIR) sensor to measure 0-50,000ppm CO₂, and an integrated, patented photoionization detector (PID) for the ultimate in broad-range VOC detection. The MultiRAE IR is quickly and easily changed from a senior technician's instrument to a simple text or display-only monitor. The same monitor can be used as a personal monitor, a hand-held sniffer, or a continuous operational area monitor.

Note: The MultiRAE IR is not intrinsically safe.

1- to 5-Sensor NDIR CO₂ and PID Personal Protection Gas Monitor

Monitor only includes:

- Shipping case
- Monitor
- Datalogging:
 - Software, ProRAE Suite Package for Windows™ 95, 98, 2000, NT, ME & XP
 - Computer Interface cable
- Sensors (as specified)
- Calibration adapter
- Operation and maintenance manual
- Rubber boot with belt clip
- Rechargeable Lithium-ion battery pack
- Universal AC/DC Wall Adapter with international plug kit
- Alkaline battery adapter
- 3 external filters
- 3" Inlet probe
- External filter adapter

Monitor with Accessories Kit adds:

Accessories Kit adds:

- Hard transport case with pre-cut foam
- 15' (5 m) Teflon® tubing
- Tool kit

Optional Calibration Kit adds:

- Four-gas mix in a 34L cylinder: CH₄ 50% LEL, 20.9% O₂, 50 ppm CO, 5000 ppm CO₂, balance N₂
- N₂ zero gas for non-PID equipped kits
- Isobutylene gas in a 34L cylinder (for units with PID) (doubles as CO₂ zero gas)
- Calibration Regulator (male) and tubing

MultiRAE IR Monitors (PGM-54)

Basic Unit

\$772.00

A Combustible & Oxygen Sensors				
0	Empty – Dummy sensor			\$0.00
1	LEL Combustible			\$194.00
2	Oxygen (O ₂)			\$133.00
3	LEL/O ₂ - Combustible and Oxygen (O ₂)			\$326.00
B Interchangeable TOX 1 Sensor				
0	Empty – Dummy sensor			\$0.00
1	Hydrogen Sulfide (H ₂ S) sensor			\$216.00
2	Carbon Monoxide (CO) sensor			\$216.00
3	Sulfur Dioxide (SO ₂) sensor			\$216.00
4	Nitric Oxide (NO) sensor			\$216.00
5	Nitrogen Dioxide (NO ₂) sensor			\$216.00
6	Chlorine (Cl ₂) sensor			\$216.00
7	Hydrogen Cyanide (HCN) sensor			\$436.00
8	Ammonia (NH ₃) sensor			\$436.00
9	Phosphine (PH ₃) sensor			\$436.00
C TOX 2 Sensor				
C	Carbon Dioxide (CO ₂) sensor			\$436.00
D Photoionization Detector				
0	Empty – Dummy sensor			\$0.00
1	10.6 eV lamp			\$1,600.00
2	11.7 eV lamp			\$1,710.00
E Pumps, Batteries, Chargers				
0	Pump, 1350 mAh Li-ion battery, universal VAC charger			\$387.00
1	Obsolete			
2	Pump, 1350 mAh Li-ion battery, no charger			\$353.00
F Datalogging				
1	Datalogging monitor – includes software & cable			\$0.00
G Kits				
0	Monitor only			\$0.00
1	Accessories and Cal Kit for LEL / O ₂ / CO ₂ / CO			\$497.00
2	Accessories and Cal Kit for LEL / O ₂ / CO ₂ / CO and Isobutylene (PID)			\$607.00
3	Accessories Kit (no gas or regulator)			\$249.00
4	Accessories and Cal Kit for LEL / O ₂ / CO ₂ / CO, and N ₂ zero			\$607.00

NDIR CO₂ sensors are NOT Intrinsically Safe.

The MultiRAE IR is not Intrinsically Safe and may not be used in Hazardous Locations that require a Classification for Intrinsic Safety.

NDIR sensors are not interchangeable with other types of sensors.

037 - A B C D - E 1 G

Total

MultiRAE IR Configurator Guide

Select one option from each Feature Group, A through G, to build a complete model number following this guide:

