

MultiRAE IR Monitors

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

Pricing subject to change without notice

Tel: 1.877.723.2878 | Fax: 1.408.952.8480

E-mail: raesales@raesystems.com | www.raesystems.com | Rev. 03/06

MultiRAE IR Monitors (PGM-54)

Basic Unit

\$ 700.00

A Combustible & Oxygen Sensors

| | | |
|---|---|-------------|
| 0 | Empty – dummy sensor | + \$ 0.00 |
| 1 | LEL Combustible | + \$ 175.00 |
| 2 | Oxygen (O ₂) | + \$ 120.00 |
| 3 | LEL/O ₂ - Combustible and Oxygen (O ₂) | + \$ 295.00 |

B Interchangeable TOX 1 Sensor

| | | |
|---|--|-------------|
| 0 | Empty – dummy sensor | + \$ 0.00 |
| 1 | Hydrogen Sulfide (H ₂ S) sensor | + \$ 195.00 |
| 2 | Carbon Monoxide (CO) sensor | + \$ 195.00 |
| 3 | Sulfur Dioxide (SO ₂) sensor | + \$ 195.00 |
| 4 | Nitric Oxide (NO) sensor | + \$ 195.00 |
| 5 | Nitrogen Dioxide (NO ₂) sensor | + \$ 195.00 |
| 6 | Chlorine (Cl ₂) sensor | + \$ 195.00 |
| 7 | Hydrogen Cyanide (HCN) sensor | + \$ 395.00 |
| 8 | Ammonia (NH ₃) sensor | + \$ 395.00 |
| 9 | Phosphine (PH ₃) sensor | + \$ 395.00 |

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.

C TOX 2 Sensor

| | | |
|---|--|-------------|
| C | Carbon Dioxide (CO ₂) sensor | + \$ 395.00 |
|---|--|-------------|

D Photoionization Detector

| | | |
|---|----------------------|--------------|
| 0 | Empty – dummy sensor | + \$ 0.00 |
| 1 | 10.6 eV lamp | + \$1,450.00 |
| 2 | 11.7 eV lamp | + \$1,550.00 |
| 3 | 9.8 eV lamp | + \$1,500.00 |

NDIR sensors are not interchangeable with other types of sensors.

E Pumps, Batteries, Chargers

| | | |
|---|--|-------------|
| 0 | Pump, 1350 mAh Li-ion battery, universal VAC charger | + \$ 350.00 |
| 1 | Obsolete | |
| 2 | Pump, 1350 mAh Li-ion battery, no charger | + \$ 320.00 |

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 | + \$ 450.00 |
| 2 | Accessories and Cal Kit for LEL/O ₂ /CO ₂ /CO and Isobutylene (PID) | + \$ 550.00 |
| 3 | Accessories Kit (no gas or regulator) | + \$ 225.00 |
| 4 | Accessories and Cal Kit for LEL / O ₂ / CO ₂ / CO, and N ₂ zero | + \$ 550.00 |

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:

037
MultiRAE IR

-

A
LEL/O₂ Sensor

B
TOX 1 Sensor

C
Always "C"

D
PID Lamps

-

E
Pump / Batteries

1
Data-logging (Always 1)

G
Kits

Pricing subject to change without notice

Tel: 1.877.723.2878 | Fax: 1.408.952.8480

E-mail: raesales@raesystems.com | www.raesystems.com | Rev. 03/06