



## Portable Area Gas Monitor



Bacharach's Portable Area Gas Monitor is an advanced instrument using non-dispersive infrared (IR) technology which provides superior stability and repeatability. The unit can provide readings in either parts per million (ppm) or elapsed time weighted average (TWA) with a resolution down to 1 ppm. The internal pump and self-contained purge-air bag provides a constant zero enabling the monitor to be used in contaminated environments without affecting the readings of the target gas. Additional features include datalogging of up to 200 readings, and a leak check mode with audible and visual alarms.

- This area gas monitor utilizes infrared technology for detection and measurement of gases including SF<sub>6</sub>, N<sub>2</sub>O, and refrigerants
- Seeks out low-level leaks with display and alarm
- Download and print capabilities
- Applications include refrigerant gas detection, safe entry, and medical monitoring
- Two year warranty
- Instrument comes with battery pack, charger and soft case

### SENSING TECHNOLOGY

Non-Dispersive Infrared (NDIR)

### GASES DETECTED

Refrigerants CFC, HFC, and HCFC unit: R-11, R-12, R-21, R-22, R-23, R-113, R-114, R-123, R-124, R-125, R-134a, R-227, R-236FA, R-245FA, R-401A, R-402A, R-402B, R-404A, R-407A, R-407C, R-408A, R-409A, R-410A, R-422A, R-422D, R-424A, R-426A, R-427A, R-500, R-502, R-503, R-507, R-508B, FA188, FC72, H-1211, H-1234YF, H-1301, H-2402, HFP, N-1230

Sulfur Hexafluoride (SF<sub>6</sub>)

Nitrous Oxide (N<sub>2</sub>O)

### MEASUREMENT RANGE/ RESOLUTION

All Gases 0-1000 ppm in 1 ppm increments

### RESPONSE TIME

90% of response within 5 seconds; 100% in 7 seconds

### WARM UP TIME

15 minutes

### OTHER SPECIFICATIONS

Internal Pump 1 lpm typical  
 Power Li-Ion rechargeable battery with battery life indicator  
 Operating Temperature Range 32 to 122°F (0 to 50°C)  
 Storage Temperature Range -4 to 122°F (-20 to 50°C)  
 Operating Humidity Range 5 to 90% RH, non condensing  
 Size 8"D x 19"W x 5"H (20.3 cm x 48.3 cm x 12.7 cm)  
 Weight 6 lbs. 12oz (3.07 kg)  
 Leak Check Mode Internal audible alarm, programmable  
 w/ Probe (+3 ft tubing) Visual alarm indicator  
 Warranty 2 Years (excluding contamination)

### ORDERING INFORMATION

3015-4484 Refrigerant Gases  
 3015-4790 Nitrous Oxide (N<sub>2</sub>O)  
 3015-5148 Sulfur Hexafluoride (SF<sub>6</sub>)\*  
 \*Special Order Only

**List Price \$3500.00 (USD)**

