

# GasProbe IAQ

T°, RH, CO, CO<sub>2</sub>

## Indoor Air Quality Monitor

"INNOVATORS IN GAS DETECTION"

# BWF

Technologies



### Versatile IAQ Monitoring

Engineered for environments that require reliable, multi-parameter monitoring, the GasProbe IAQ is industry's most versatile portable instrument. Ergonomically designed and user-friendly, the GasProbe IAQ delivers peak performance that's second to none.

- △ Simultaneous monitoring of up to four parameters: carbon monoxide (CO), carbon dioxide, (CO<sub>2</sub>), relative humidity (RH) and temperature (T°)
- △ Datalogging models available with minimum 77 days of datalogging capacity
- △ Download data to your computer via infrared port
- △ Field-proven sensing technology
- △ Compact and lightweight
- △ Audible, visual and vibrating alarms
- △ Comprehensive display of data
- △ Simple automatic calibration procedure
- △ Peak readings on demand: STEL and TWA
- △ Menu-driven operation
- △ Full array of accessories, including datalogging software in deluxe and standard versions
- △ Plug-in AC power adapter, CO and CO<sub>2</sub> sensors, lithium battery and instructions included



### Ordering Information

#### GasProbe IAQ Indoor Air Quality Monitor

Includes sensor(s), lithium ion battery and power adapter.

IAQ-4	T°, RH, CO <sub>2</sub> , CO
IAQ-3	T°, RH, CO <sub>2</sub>
IAQ-2	CO <sub>2</sub> , CO
IAQ-1	CO <sub>2</sub>

#### With User-Downloadable Datalogger

Includes standard graphing software  
Add suffix- "-DL"

#### GasProbe IAQ Industrial Hygiene Kits

Includes indoor air quality monitor, carrying case, deluxe software, sensor(s), lithium ion battery and power adapter.

IAQ-4-DL-K1	T°, RH, CO <sub>2</sub> , CO
IAQ-3-DL-K1	T°, RH, CO <sub>2</sub>
IAQ-2-DL-K1	CO <sub>2</sub> , CO
IAQ-1-DL-K1	CO <sub>2</sub>

#### Accessories and Spares

IAQ-BC1	Desktop battery charger
IAQ-IC	USB/IRDA interface cable
IAQ-PA-1	Power adaptor
IAQ-BAT	Lithium ion battery
CG2-MU-34	34 L Calibration gas 600 ppm CO <sub>2</sub> , 200 ppm CO
REG2-0.5	Regulator 0.5 LPM



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# GasProbe IAQ

T°, RH, CO, CO<sub>2</sub>

## Indoor Air Quality Monitor

The GasProbe IAQ simultaneously and continuously monitors up to four parameters: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), relative humidity (RH), and temperature (T°). Instantaneous readings are displayed on a large, alphanumeric LCD.

Compact and lightweight, the GasProbe IAQ is loaded with practical features. A real-time clock calculates and records STEL and TWA readings. Additional features include audible, visual and vibrator alarms, one-button calibration and peak reading memory.

A minimum 77-day datalogging capacity is complemented by user-friendly Windows-based data management software, which provides direct access to the GasProbe IAQ and enables data downloading with a few clicks of a mouse.

Once the data is downloaded, the data management software analyzes the information and compiles it in an easy-to-read format. All vital statistics are sorted by date and time. The deluxe software enables interactive graphing and trending through powerful charting tools.

With a full line of accessories to add even more versatility, the GasProbe IAQ is an ideal tool for indoor air quality management.

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## SPECIFICATIONS

DETECTOR: Four-parameter monitor

Gas Detected	Range	Accuracy
CO	0-250 ppm or 0-500 ppm (specified at time of purchase)	3%
CO <sub>2</sub>	0-5,000 ppm or 0-10,000 ppm (specified at time of purchase)	3%
Temperature	23 °F - 122 °F -5 °C - 50 °C	0.2 °F 0.1 °C
Relative humidity	0-95%	2%

### GENERAL SPECIFICATIONS:

Power Supply: Vibrating lithium ion battery  
Runtime: 16 hours fully charged  
Sensing Technologies: Electrochemical (CO)  
Infrared (CO<sub>2</sub>)  
RTD (Temperature)  
Capacitive polymer (relative humidity)  
Humidity Range: 0-95% non-condensing  
Operating Temperature: -5 to 50 °C / 23 to 122 °F Toxic  
Tests: Self-test of sensors, battery and memory (on startup)  
Unit continually monitors battery

SAMPLING METHOD: Diffusion (standard)

LCD DISPLAY: Parameter displayed, unit of measurement, data transfer status, gas concentration, memory capacity, battery status  
Alarm Setpoints: Fully adjustable for CO and CO<sub>2</sub>  
TWA and STEL: Displayed on demand

### INDICATORS AND ALARMS:

Audible Alarm: 85 dB at 4 in./10 cm (typical)  
Visual Alarm: Three LED alarms  
Vibrator Alarm: Internal  
Other: Low battery warning  
Two special alarms for CO

DATALOGGING: Stores real-time information and readings values  
Internal memory: 4 MB (2.5 million total samples)

### PHYSICAL:

Size: 1.6 x 6.6 x 3.4 in. / 4.0 x 8.5 x 16.5 cm  
Weight: 14.65 oz. / 415 g

WARRANTY: 1 year, including sensors

*DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.*



- 1 LARGE, ALPHANUMERIC DISPLAY
- 2 BRIGHT, WIDE-ANGLED, VISUAL ALARM BAR
- 3 HIGH-OUTPUT, 85 dB AUDIBLE ALARM
- 4 RUGGED, COMPACT, LIGHTWEIGHT
- 5 PROGRAMMING KEYS



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