



Simultaneously monitor carbon monoxide, carbon dioxide, relative humidity and temperature

Vulcain IAQProbe air quality monitor



User Friendly

- Easy-to-read LCD display
- Instantaneous readings
- One-button calibration
- Windows-based data management software
- Portable
- Compact and lightweight

Versatility and Reliability

- Monitors carbon monoxide, carbon dioxide, relative humidity and temperature
- Full line of accessories
- More than 77 days of data stored

Practicality

- Real-time clock calculates and records STEL and TWA readings
- Peak reading memory

Safety Measures

- Audible alarm
- Visual alarm
- Vibrating alarm

Designed to operate in environments requiring reliable monitoring, the IAQProbe is industry's most versatile portable air quality monitoring tool. The IAQProbe simultaneously monitors four parameters: carbon monoxide, carbon dioxide, relative humidity and temperature.

Ergonomically designed and user-friendly, the IAQProbe delivers peak performance second to none. The instrument displays instantaneous readings on the easy-to-read LCD display. The IAQProbe is available with datalogging capacity with a real-time clock that calculates and records STEL and TWA readings (more than 77 days of data stored). Additional features include: audible and visual alarms, easy one-button calibration and peak reading memory. A full line of accessories makes the instrument even more versatile.



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 IAQProbe 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.



Technical summary



General Specifications				
Use	Handheld device to monitor and record indoor air quality within a building			
Size	8.5 x 16.5 x 4.3 cm (3.4 x 6.5 x 1.7 in.)			
Weight	415 g (14.65 oz.)			
Power Supply	Vibrating lithium ion battery			
Power Consumption	16 hours fully charged			
Gas Detection	Gases Detected	Detection Range	Operating Humidity Range	Operating Temperature Range
	CO	0 - 250 ppm	0-95% non-condensing	-5 °C to 50 °C (23 °F to 122 °F)
	CO ₂	0 - 5,000 ppm	0-95% non-condensing	-5 °C to 50 °C (23 °F to 122 °F)
Sensing Technologies	Electrochemical (CO) Infrared (CO ₂) RTD (Temperature) Capacitive polymer (relative humidity)			
Tests	Tests on start-up Self-test of sensors, battery and memory Unit continually monitors battery			
Sampling Method	Diffusion			
LCD Display	Parameter displayed : unit of measurement, data transfer status, gas concentration, memory capacity, battery status			
Alarm Setpoints	Fully adjustable for CO and CO ₂			
TWA and STEL	Displayed on demand			
Indicators and Alarms	Audible alarm	85 dB at 10 cm (4 in.)		
	Visual alarm	Three LED alarms		
	Vibrating alarm	Internal		
	Other	Low battery warning 2 levels of alarm for CO and CO ₂		
Datalogging	Stores real-time information and reading values			
Internal Memory	4 Mb (2.5 million total samples)			
Warranty	One (1) year			
Ratings and Certifications				
Certified to	 			
Conforms to	EMC - Directive 89/336/EEC			

As world leaders in gas detection solutions, Honeywell Analytics' Vulcain range of gas detection systems has been designed to provide efficient, practical and cost-effective equipment to protect people from a variety of forms of hazardous gases and to efficiently monitor and control indoor air quality. The equipment is also extremely simple to install and easy to operate and maintain.

The Vulcain range of fixed gas detection and air monitors



Vulcain Sensors

From refrigerants to toxic and combustible gases, Honeywell Analytic's Vulcain line has a sensor designed for any industrial or commercial application. With award winning sensor technology, this line of sensors is the answer to any fixed HVAC, IAQ or gas detection concerns.

Find out more

For more information on Honeywell Analytic's Vulcain line of products, visit www.honeywellanalytics.com or contact us at 800 563 2967

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Vulcain Controllers

Designed for industrial or commercial use, the Vulcain 301C monitors and controls toxic gases, combustible gases and oxygen hazards. With the same simple installation and operation and flexibility as the Vulcain 301C, the Vulcain 301EM is specifically designed to fulfill the requirements of a mechanical room.



Vulcain 301M

Stand-Alone Dual Gas Monitor

For applications where gas detection is only needed at one or two points, the Vulcain 301M offers a simple solution. While continually monitoring for CO, a remote sensor can also be integrated to detect CO, NO₂, propane, hydrogen or methane with a remote sensor that can be placed up to 200' away.



Vulcain 90DM₄

Commercial CO₂ Detection

Using proven infrared dual sensing technology to detect carbon dioxide (CO₂) the Vulcain 90DM₄ can be either wall or duct mounted to monitor CO₂ levels in your commercial environment.

Honeywell