Vulcain IAQProbe
air quality monitor

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.

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

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	CE c(UL)us
Conforms to	EMC - Directive 89/336/EEC