



GasLab Pro

CM-1000 measures CO₂, CO, O₂, CH₄

overview

- Measure CO₂, CO, O₂, or CH₄
- Temperature, relative humidity and barometric pressure
- Six options for CO₂ Measurement range: 1%, 5%, 10%, 20%, 30%, 100%
- Large, backlit LCD display for easy readability including graphing
- Audible Alarm
- Data Logging with micro SD Card (suitable for all sizes, 16GB included)
- Li-ion rechargeable batteries lasting 30+ hrs

The GasLab Pro Multi Gas Sampling Data Logger (CM-1000) is designed to simultaneously measure multiple gas concentrations through a sampling method. As a unique, multi gas sampling unit, the GasLab Pro is a convenient device to monitor multiple gases in a single unit.

Utilizing a micro pump, the device will draw samples in to the sensing chambers allowing each sensor to take a fast and accurate measurement of the sample.

The GasLab Pro also features safety alarms (80 dB), maximum and minimum readings, Time Weighted Average (TWA, 8 hour exposure, CO₂ only), and Short-Term Exposure Limit (STEL, 15 min. weighted average for CO₂ only).

The GasLab Pro measures up to two gases including:

- Carbon Dioxide
- Carbon Monoxide



- Oxygen
- Methane
- Temperature
- Relative Humidity
- Barometric Pressure

includes

- Handheld Multi Gas Detector
- Manual
- USB 1.5M cable
- Tubing
- Hydrophobic and Particulate Filters
- Water Trap

specifications

feature	specification
Carbon Dioxide (CO ₂)	
Measurement Range	1%, 5%, 10%, 20%, 30%, or 100%
Measurement Resolution	1ppm, 10ppm, or 100ppm
Sensing Method	NDIR
Carbon Monoxide (CO)	
Measurement Range	0 to 1000 ppm
Measurement Resolution	1 ppm
Sensing Method	Electrochemical
Oxygen (O ₂)	
Measurement Range	0 to 25 %
Measurement Resolution	0.01 %
Sensing Method	Oxygen Quenching
Methane (CH ₄)	
Measurement Range	0 to 5 %
Measurement Resolution	0.01 %



feature	specification
Sensing Method	NDIR
General	
Operating Temperature	0 to 50 °C
Operating Relative Humidity	0 to 95 % non-condensing
Power Supply	(3) Rechargeable Battery - Li-ion 18650 3.7V AC Adapter : 5V±5% >1A, 100~240 VAC, 50/60 Hz
Weight	480 g (without batteries)
Dimensions	225.8 x 99.6 x 55 mm
Data Logging	16 GB SD Card
Alarms	80 dB TWA STEL
Warranty	1 year

manual & docs

- [GasLab Pro CM-1000 Datasheet](#)
- [GasLab Pro CM-1000 Manual](#)

related products

- [Carbon dioxide detectors and meters](#)
- [Oxygen detectors and meters](#)
- [Methane detectors and meters](#)
- [Ammonia meter](#)