



# Portable CO<sub>2</sub> Meter

GasLab Pro CM-1000 for carbon dioxide

---

---

## overview

- Measure CO<sub>2</sub>, temperature, relative humidity and barometric pressure
- Measurement range: 1, 5, 10, 20, 30, or 100 % CO<sub>2</sub>
- Optional oxygen (O<sub>2</sub>), methane (CH<sub>4</sub>) or carbon monoxide (CO) measurements
- Sampling pump for enclosed or hard to reach locations
- 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 CM-1000 is an ideal portable meter for the measure of atmospheric carbon dioxide (CO<sub>2</sub>). The GasLab Pro CM-1000 also allows you to measure one additional parameter from either oxygen, methane or carbon dioxide.

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.

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

The GasLab Pro also features safety alarms (80 dB), maximum and minimum readings,

Time Weighted Average (TWA, 8 hour exposure, CO<sub>2</sub> only), and Short-Term Exposure Limit (STEL, 15 min. weighted average for CO<sub>2</sub> only).

**includes**

- Handheld multi gas detector
- Calibration certificate
- Manual
- USB 1.5M cable
- Tubing suitable for incubators
- Hydrophobic and particulate filters
- Water trap

**specifications**

<b>feature</b>	<b>specification</b>
Carbon Dioxide (CO <sub>2</sub> )	
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 <sub>2</sub> )	
Measurement Range	0 to 25 %
Measurement Resolution	0.01 %
Sensing Method	Oxygen Quenching
Methane (CH <sub>4</sub> )	
Measurement Range	0 to 5 %
Measurement Resolution	0.01 %
Sensing Method	NDIR



**feature**

**specification**

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