



C02 Incubator Meter

GasLab Pro CM-1000 for biological incubators

overview

- Ideal for checking CO₂ levels in biological incubators
- Measure CO₂, temperature, relative humidity and barometric pressure
- Measurement range: 0 to 10% CO₂
- Optional oxygen (O₂) measurements
- Sampling pump and tubing for incubators
- 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 a purpose built meter to check biological incubators. The CM-1000 for biological incubators measures CO₂ in the range between 0 and 10% and there is an option to include an additional oxygen sensor.

The GasLab Pro CM-1000 is delivered to you calibrated, with a certificate, and ready to measure. It is extremely easy to use and maintain – simply turn on and start measuring the CO₂ levels in your biological incubator.

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, CO₂ only), and Short-Term Exposure Limit (STEL, 15 min. weighted average for CO₂ only).

includes

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

specifications

feature	specification
Carbon Dioxide (CO ₂)	
Measurement Range	0 to 10 % 0 to 100,000 ppm
Measurement Resolution	0.001 % 10 ppm
Sensing Method	NDIR
Optional Oxygen (O ₂) Sensor	
Measurement Range	0 to 25 %
Measurement Resolution	0.01 %
Sensing Method	Oxygen Quenching
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



	feature	specification
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](#)