



MULTI GAS SAMPLING DATA LOGGER

Multi Gas Sampling

The GasLab® Pro Multi-Gas Sampling Data Logger (CM-1000) is designed to simultaneously measure multiple gas concentrations through a sampling method.

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

Features

- Gas Concentration Options: CO₂, CO, O₂
- Includes: RH, AMB, DP, ALTI
- Additional Gases: any 20mm EC sensor can be added
- Six options for CO₂ Measurement range: 1%, 5%, 10%, 20%, 30%, 100%
- Please note: You can only have *ONE* CO₂ sensor per device
- Large, back-lit 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
- Metal Carrying Case Included

Accessories

- **BAT-18650 - EBL 18650 3.7V Li-ion 3ct Rechargeable Batteries** EBL Intelligent Batteries provide a fast charge and are upgraded ETL certified to be used with all CM-500 and CM-1000 series handheld gas detectors.
- **EBL Universal Battery Charger for 3.7V Rechargeable Batteries** With the EBL Universal Battery Charger, users will be able to charge the lithium batteries when plugged into a USB outlet. The battery charger also provides a clear indication of charge levels, turning green after fully charged.
- **CM-0175 - Hypodermic Needle Kit**

Applications



Laboratory



Scientific



Medical



Industrial



Construction



Safety

TECHNICAL DATA

Multi Gas Sampling Data Logger

Measures	CO ₂ - 1%, 5%, 10%, 20%, 30%, or 100% *Please note you can only have one CO ₂ sensor per device
CO	0-5,000ppm
O₂	0-25%, < 2% FS / 0.1 mbar
RH	0-100%, ±3% @25°C (20-80%RH), others ±5%
Sensing method	NDIR (Non-Dispersive Infrared) for CO ₂ , Oxygen Quenching for O ₂ , EC for CO
Temperature	0-50°C, ±1°C
Barometer	50-110kPa, ±0.4kPa

Display Resolution

CO₂	1 ppm, 10ppm, or 100ppm
CO	1ppm
O₂	0.01%
RH	0.01%
Power Supply	3 Rechargeable Batteries - Li-ion 18650 3.7V
Battery Life	Tested to 30+ hours
Weight	305g (without batteries)



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