CO2METER
GAS MEASUREMENT SPECIALISTS

CM-1000-00-00-25-00

100% CO$_2$ SAMPLING DATA LOGGER

Handheld Data Logger

The GasLab Pro® Carbon Dioxide Sampling Data Logger is designed to measure carbon dioxide (CO$_2$) concentrations in enclosed environments and is used primarily in fire suppression testing, biological incubation, scientific and medical applications.

Features

- Gas Concentration: Carbon Dioxide (CO$_2$)
- Includes: RH, AMB, DP, ALTI
- CO$_2$ Measurement range: 100%
- Large, back-lit LCD display for easy readability including graphing
      –Display also shows graphing of gases
- Audible Alarm
- Data Logging with micro SD Card (suitable for all sizes, 16GB included)
- Metal Carrying Case Included
- Lightweight, easy-grip design
- Built-in micro pump
- Li-ion rechargeable batteries
      – 30+ hours per charge

Includes

- **Handheld CO$_2$ Sampling Detector**
- **Manual**
- **Tubing and Water Trap**
- **Hydrophobic and Particulate Filters**
- **USB 1.5M cable**
- **16GB SD Card and Adapter**

Applications

Scientific   **Medical**   **Safety**   **Fire Suppression**

TECHNICAL DATA

100% CO$_2$ SAMPLING DATA LOGGER

Measures	Carbon Dioxide (CO$_2$) % Relative Humidity (RH) Temperature Barometric Pressure
CO$_2$ Measurement Range	100%
RH	0-100%, ±3% @ 25°C (20-80% RH), others ±5%
Temperature	0-50°C, ±1°C
Barometer	50-110 kPa, ±0.4 kPa
Sensing Method	NDIR
Weight	305g (without batteries)

Electrical and Mechanical Specifications

Power Supply	Rechargeable Battery : Li-ion 18650 3.7V (device uses 3)
Battery Life	Tested to 30+ hours