



20% CO₂ + 25% O₂ SAMPLING DATA LOGGER

Handheld Data Logger

The GasLab Pro® Carbon Dioxide Sampling Data Logger is designed to measure carbon dioxide (CO₂) and oxygen (O₂) concentrations in enclosed environments and is used primarily in fire suppression testing, biological incubation, scientific and medical applications.

Features

- Gas Concentration: Carbon Dioxide (CO₂) and Oxygen (O₂)
- Includes: RH, AMB, DP, ALTI
- CO₂ Measurement range: 20%
- O₂ Measurement range: 25%
- 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 CO₂ + O₂ 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

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Measures	Carbon Dioxide (CO ₂) Oxygen (O ₂) % Relative Humidity (RH) Temperature Barometric Pressure
CO₂ Measurement Range	20%
O₂ Measurement Range	25%
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



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