



CARBON DIOXIDE HANDHELD GAS DETECTOR

Handheld Gas Detector

The GasLab Plus CM-501 is a Carbon Dioxide (CO₂) handheld gas detector designed to measure carbon dioxide gas concentrations in the many applications and industries.

With long-term data storage, the user can measure ambient gas levels by data displayed and gain indication by visual and audible alarm settings.

Features

- Dual Beam NDIR technology
- Large LCD display for easy readability
- Audible Alarm
- Data Logging with 16GB SD Card
- Multiple Connected Units by RS485 interface
- LCD Back light for easy readability by dark
- Li-ion rechargeable

Accessories

BAT-18650 - EBL 18650 3.7V Li-ion

Rechargeable Batteries | EBL Intelligent Batteries (need 3 for device) provides a fast charge and are upgraded ETL certified to be used with all CM-500 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.

Applications



Agriculture



Breweries
& Wineries



Scientific



Medical



Safety



Poultry



Beverage
Dispensing

TECHNICAL DATA

Carbon Dioxide (CO₂) Handheld Gas Detector

CO₂ Measurement Range	0~9999 ppm
CO₂ Measurement	NDIR (Non-dispersive Infrared)
Alarms	Audible 80db±5%@10cm
Response Time	1 minute
Operating Temperature	0~40°C (32~104°F)
Sensor Life Expectancy	15 years
Dimensions	204.5 x 91.7 x 49.6 mm (8.1 x 3.6 x 2 inch)

Electrical and Mechanical Specifications

Power Supply	Rechargeable Battery : Li-ion 18650 3.7V (device uses 3) AC Adapter : 5V±5% >1A, 100~240 VAC, 50/60 Hz
Battery Life	Tested to 24+ hours



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