



MULTI GAS SAMPLING DATA LOGGER CM-1000

The GasLab Pro Multi Gas Sampling Data Logger is designed to simultaneously measure multiple gas concentrations through micro-pump sampling. This device draws samples into the sensing chambers taking fast & accurate measurements.

FEATURES

- Large, backlit LCD display for easy readability in low-light
 - Display also shows graphing of gasses
- Audible Alarm
- Data Logging with micro SD Card
- Multiple Connected Units by RS485 interface
- Li-ion rechargeable batteries
 - 30+ hours per charge

SPECIFICATIONS

- **Measures:**
 - CO2 (Carbon Dioxide)
 - CO (Carbon Monoxide)
 - O2 (Oxygen)
 - CH4 (Methane)
 - RH (% Relative Humidity)
 - Temperature
 - Barometric Pressure
 - Any 20mm EC sensor can be added
- **Measurement Range:**
 - **CO2:** 1%, 5%, 10%, 20%, 30%, or 100%
 - **CO:** 0~1,000 ppm
 - **O2:** 0~25%, < 2% FS / 0.1 mbar
 - **CH4:** 5% 0-1%: $\leq \pm 0.1\%$
 - **RH:** 0~100%, $\pm 3\%$ @25°C (20~80%RH), others $\pm 5\%$
 - **Temperature:** 0~50°C, $\pm 1^\circ\text{C}$
 - **Barometer:** 50~110kPa, $\pm 0.4\text{kPa}$
- **Sensing Method:**
 - NDIR for CO2 and CH4
 - Oxygen Quenching for O2
 - EC for all other gases
- **Power Supply:** (3) Rechargeable Battery
 - Li-ion 18650 3.7 V
- **Battery Life:** Tested to 30+ hours
- **Weight:** 305g (without batteries)

INCLUDES

- Handheld Multi Gas Detector
- Manual
- USB 1.5M cable
- Tubing
- Hydrophobic and Particulate Filters
- Water Trap