

Probe 2 CO2 Sensor

The Probe 2 carbon dioxide gas sensor is designed for any application that requires gas sensing be isolated from the sensor's electronics or for space limitations. The gas entry wand uses a hydrophobic filter that further protects the sensor from dirt, dust, high humidity, mist, or light spray.

The Probe 2 uses the non-dispersive infrared (NDIR) principle to detect the existence of CO2 in the air, with good selectivity, no cross-contamination from other gases, and long life. It offers both digital and analog voltage output. A USB cable provides both power and connection to our free GasLab® software.

Applications

- Agriculture
- Non-Sterile Fermentation
- Poultry Incubators & Grow Rooms
- CO2 Experiments

Specifications

- NDIR CO2 Diffusion Gas Sensor
- **CM-0510: 0-5,000ppm CO2**
 - Resolution: 1ppm
 - Accuracy: +/- 300ppm
- **CM-0511: 0-10% CO2**
 - Resolution: 10ppm
 - Accuracy: +/- 3% @ Full Range
- Repeatability +/- 30ppm
- Warm-up Time: < 3 minutes
- Response Time: T90 < 90 sec.
- Working Environment: 0-50°C, 0-95% RH
- Power: 4.5-5V via USB cable

