CO2METER
GAS MEASUREMENT SPECIALISTS

GFX-CO2

GROWFLUX CO2 MICROCLIMATE SENSOR

Collect Important Data for Growth

The GrowFlux Microclimate CO_2 Sensor can remotely monitor microclimates and CO_2 levels, making critical measurements available from anywhere on your smartphone or PC. With the wireless and battery-powered design, the sensor can be placed anywhere among the crop, allowing growers to pinpoint CO_2 enrichment dead zones and stratification.

Important Product Note: With the first time purchase of the GrowFlux CO_2 Microclimate Sensor, you must additionally purchase the GrowFlux Access Point to securely connect to the cloud.

Features

- Smartphone, browser, and software API access
- Cloud-based data logging (some features require subscription)
- Precision monitoring of CO_2 levels, temperature, humidity, and atmospheric pressure
- Splash resistant design
- 500-foot wireless range indoors

Accessories

- **GFX-AP - GrowFlux Access Point**
  Must be purchased with GrowFlux products to securely connect to the cloud.

Applications

Greenhouses/ Indoor Grow Rooms

Cultivation Facilities

Hydroponics

Mushroom Farms

Gas Measurement Specialists
ISO 9001 : 2015 Certified

Speak to a Technical Sales Expert
1.877.678.4259 | sales@CO2Meter.com

TECHNICAL DATA

GrowFlux CO2 Microclimate Sensor

CO_2 Measurement Range	0-10,000 ppm
CO_2 Measurement	NDIR (Non-dispersive Infrared)
Accuracy	± 80ppm
Response Time	Approximately 5 minutes; response time may vary (see note)
Operating Temperature	0-50°C (32-122°F)
Calibration	factory calibrated; 3 field calibration method supported
Dimensions	6.11in x 3.46in x 1.01in

Electrical and Mechanical Specifications

Power Supply	B - Battery powered
Battery Life	1 year with a 5-minute sensing interval
Range	3 Watts
Horn Strobes	500 feet line of sight, 300 feet indoors through walls typical range in commercial buildings.

1. Airflow around sensor affects response time. Exposure to very high CO2 concentrations > 3,000 PPM may increase response time.

2. Breathing from nearby people and animals will significantly affect readings. Press the blue flag button to insert a data flag in the timeline when working around sensors - data flags can later be commented on to maintain integrity of datasets.

3. Do not breathe near sensor while adjusting device to outdoor ambient levels during outdoor calibration. Hold breath when approaching sensor to hold down button for 5 seconds.

4. Range is not guaranteed and is highly dependent on building construction and electromagnetic / RF noise present in the local environment

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