

AIR / WATER OPTICAL CO2 SENSOR

Reference : PS-3208



(with PS-3545 sleeve)

No calibration / no maintenance

No interface required

Internal memory for long-term autonomous measurements

Use this sensor to measure the concentration of carbon dioxide gas in a closed system or in an open environment. Study the basics (including photosynthesis, respiration, and the carbon cycle) with this versatile probe. CO2 data can be recorded directly on the device for long-term scientific studies and environmental science.

Technical characteristics:

Range: 0 to 100,000 ppm

Resolution: 2 ppm

Precision :

0 to 100,000 ppm \pm 100 ppm

- 1,000 to 10,000 ppm: \pm 5% + 100ppm
- 10,000 ppm to 50,000 ppm: \pm 10%
- 50,000 - 100,000 ppm: \pm 15%

Connection:

- USB
- Bluetooth® 4
Battery: 18-24 hours continuously
One probe for all your experiments:
- Aerial photosynthesis
- Aquatic photosynthesis
- Greenhouse effect
- Carbon cycle
- Simple measurement of CO₂ inside and outside