



Handheld Carbon Dioxide Meter/Monitor



HCO201

Features

- Reliable dual-beam, non-dispersive infrared absorption gas sensor (NDIR)
- Fast response
- Direct real time digital reading
- Large data storage capacity
- High-speed USB and free data download software
- Auto backlight
- Simple and easy self-calibration and correction
- Audible excess limit warning
- Rechargeable Li-ion battery
- Optional digital temperature and humidity sensor probe
- CE certified

HalTech's HCO201 handheld carbon dioxide meter makes it easy to take quick and accurate measurement of CO₂ levels. Featuring the dual-beam, non-dispersive infrared (NDIR) absorption gas sensor technology, the HCO201 has a wide measuring range and quick response to ambient changes in carbon dioxide concentration with long-term stability and durability. With a built-in pump capable of point-to-sample use, the HCO201 assures portability and flexibility. Exceptional stability and patented self-calibration algorithm allow very long intervals between calibration intervals.

Specifications

Target Gas	Carbon Dioxide (CO ₂) in air
Range	0 - 5000ppm
Technology	NDIR
Response	< 5 seconds
Accuracy	±40ppm+3% of reading @22°C
Resolution	±10 ppm or 5% of reading
Stability	<2% full scale over the life of sensor (15 years typical)
Non-Linearity	±1% of Full Scale
Sampling Method	Built-in pump
Memory	Up to 500 sets of data
Interface	USB for data down loading
Environmental Conditions	32°F to 122°F (0°C to 50°C) < 90%RH (non-condensing)
Power	Rechargeable Lithium ion battery (900mAh); AC adapter 5VDC/1A
Dimensions	80 (W) × 36 (D) × 150 (H) mm
Weight	About 200 grams

HAL TECHNOLOGY, LLC 10302 Northridge Drive, Rancho Cucamonga, CA 91737, U.S.A.

Phone: (510) 908-3161 info@haltechnologies.com <http://www.haltechnologies.com>