

Handheld Carbon Dioxide Meter/Monitor



HCO202

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
- Window XP/7/8 compatible
- CE certified

HalTech's HCO202 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 HCO202 has a wide measuring range and quick response to ambient changes in carbon dioxide concentration with long-term stability and durability. Pressure (altitude) correction is also available. With a built-in pump capable of point-to-sample use, the HCO202 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 - 50,000ppm or 0 - 5%
Technology	NDIR
Response	< 2 seconds
Accuracy	±70ppm or 5% of reading @STP
Resolution	±10 ppm or ±5% of reading
Stability	<2% full scale over the life of sensor
Non-Linearity	<1% of Full Scale
Sampling Method	Flow through and point sampling with a built-in pump
Memory	Up to 500 sets of data
Interface	USB for data down loading
Operating Conditions	32°F to 122°F (0°C to 50°C), < 90%RH (non-condensing), 950 - 10,000 mbar
Power	Rechargeable Lithium ion battery (3.7VDC/1250mAh); AC adapter 5VDC/1A
Dimensions	80 (W) × 42 (D) × 158 (H) mm
Weight	About 230 grams