# **AMPROBE®**

**Data Sheet** 



### CO2-200 CO2 Wall-Mounted Meter

Instant feedback with CO2 levels, with additional temperature and humidity measurement s. Built in alarm to warn against dangerous CO2 levels. The permanent mounted CO2-200 Air Quality meter is designed to measure air quality compliance in critical environment controlled areas such as laboratories and production.

- Low drift wall mounted meter for monitoring indoor air quality
- CO2 Measurement up to 9999 ppm, Temperature, Relative humidity, Dew Point and Wet Bulb
- Super-Large LCD display with CO2 reading
- High performance low drift sensor designed with NDIR (Non-Dispersive Infrared) waveguide technology with automatic background calibration
- Audible alarm threshold setting to setup warning against carbon dioxide level with output drive relay to control air flow system
- Optional PC download capabilities (USB interface)
- Data Hold
- Recording of Maximum, Minimum and Average values with recall function

## No hassle warranty

No waiting.





(note: \$500 MSLP limit)



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**Specifications** 

Measuring Range	CO2 0 ~ 9999 ppm
	2001 ~ 9999 ppm (out of scale range)
Resolution	1ppm - CO2 concentration, 0.1°C / °F - Temp, 0.1% RH - Humidity
Accuracy	±75ppm±5% of reading (0 ~ 2000 ppm) Others range accuracy are not specified
Temperature	±0.6°C / ±0.9°F
Temp. Range	-10°C to 60°C (14°F to 140°F)
RH Range	0% ~ 95%
Accuracy	±3% RH (at25°C, 10-90%) others ±5% for other RH range
DP (Dew Point Temp.)	-20°C to 59.9°C (-4°F to 139.8°F)
WB (Wet Bulb Temp.)	-5.0°C to 59.9°C (23°F to 139.8°F)
Warm-up Time	30 seconds
Response Time	About 30 seconds
Current Consumption	< 50mA average, < 310mA peak current ( ~55ms)
Operating Condition	$0 \sim 50^{\circ}$ C (32°F to 122°F), $0 \sim 95\%$ RH (avoid condensation) for CO2
Dimension	130(L) x 85(W) x 60(H) mm (5.1 x 3.3 x 2.4 in)
Storage condition	-20°C to 60°C (-4°F to 140°F), 0~99%RH (avoid condensation)
Power Supply	12 VDC adaptor
Standard packing includes	Meter, Manual, Power adapter 100-240vac
Weight	Approx. 193g (0.43 lb)

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