



- ACCURATE
- DURABLE
- COMPATIBLE
- WATERPROOF
- COMPACT

The waterproof, compact gas probe for continuous, accurate, in-situ monitoring of CO<sub>2</sub> concentration in harsh environments.

Outputs	
Analog (3) <ul style="list-style-type: none"> <li>• CO<sub>2</sub> low range (ppm)</li> <li>• CO<sub>2</sub> high range (ppm)</li> <li>• Temperature</li> </ul>	0 V DC to 5 V DC
Digital (RS-232 serial)	
Performance	
Available calibration options (ppm)	0 - 5,000 0 - 20,000 custom single range* standard dual range* custom dual range*
Concentration accuracy @ full scale	1% range + 1% reading
Sensor equilibrium time step change in air - T90	< 90 s
Sensor warmup time to full accuracy	< 30 min
Operating Environment	
Temperature	-20 to 50 C / -4 to 122 F
Humidity	0 to 100% RH non-condensing
Water column	3 m / 10 ft

Hardware	
Enclosure	Acetal
Gas inlet	Diffusion membrane
Protective mesh	None/PVC/Copper* *anti-fouling
CO <sub>2</sub> sensor	Dual Channel NDIR temperature compensated
Dimensions	
Probe diameter	51 mm / 2 in
Probe length	107 mm / 4.2 in
Diffusion window diameter	31 mm / 1.2 in
Diffusion window area	755 mm <sup>2</sup> / 1.2 in <sup>2</sup>
Mass (approx)	200 g / 0.44 lb
Power	
Operating voltage	5 to 24 V DC
Operating power - avg / peak	< 1 W

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\*Contact us for more information