



- ACCURATE
- DURABLE
- COMPATIBLE
- WATERPROOF
- COMPACT

The waterproof, compact gas probe for continuous, accurate, in-situ monitoring of CO₂ concentration in harsh environments.

Outputs	
Analog (3) <ul style="list-style-type: none"> • CO₂ low range (ppm) • CO₂ high range (ppm) • Temperature 	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 C to 50 C -4 F 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 ₂ 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 ² / 1.2 in ²
Mass (approx)	200 g / 0.44 lb
Power	
Operating voltage	5 V DC to 24 V DC
Operating power (@ 12 V DC)	< 1 W

*Contact us for more information

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