



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

- ✓ Accurate
- ✓ Durable
- ✓ Compatible
- ✓ Waterproof
- ✓ Compact

### Outputs

Analog (3) 0 to 5 V DC

- CO<sub>2</sub> low range (ppm)
- CO<sub>2</sub> high range (ppm)
- Temperature

Digital (RS-232 serial)

### Performance

Available calibration options (ppm) 0 - 20,000  
0 - 50,000  
0 - 125,000  
standard 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 0 to 40 C / 32 to 104 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