

CO300 CO₂ SENSOR

The CO300 sensor is a reliable CO₂ sensor designed to be used in harsh agricultural and industrial environments such as in poultry and swine farms.

The CO300 sensor is compensated for a 0-50°C temperature range covering a 0-5000 PPM CO₂ range.

The CO₂ measurement is converted to an analog output from 0-5V relative to 0-5000 PPM CO₂ range.

TECHNICAL SPECIFICATIONS:

THE CO300 SENSOR ACCURACY:

@72°F (22°C) is +/- 2%

TEMPERATURE DEPENDENCE: 0.2% FS per C°

Stability < 5% of FS or <10% reading annual

PRESSURE DEPENDENCE: 0.135 per mm Hg

CALIBRATION INTERVAL: Not required

RESPONSE TIME: < 2 minutes for 90% step
change typical

WARM UP TIME:

- < 2 minutes (operational)
- 10 minutes (maximum accuracy)

OPERATING CONDITIONS:

- 32°F to 122°F (0°C to 50°C)
- 0 to 95% RH, non-condensing

