



CO2 Sentry

Model CO2 Sentry

This new design by Envent Engineering utilizes a dual beam infrared optical bench to provide a linear and interference-free output of CO2 concentration for portable monitoring

Applications

Measures CO2 concentration in natural gas for regulatory compliance, corrosion protection, emissions monitoring and custody transfer

Features

- Ranges from 0 to 20 % (other ranges available)
- Internal datalogger (8000 records)
- 1.5% accuracy, 1% repeatability
- Internal battery pack for 24 hours operation
- Less than 20 second response to alarm
- Interference free dual beam technology
- Optional solar operation
- Two year warranty
- High pressure sample system

Value

The CO2 Sentry measures CO2 in natural gas or other process streams Designed as a portable analyzer for spot tests. The CO2 Sentry is easy to operate and provides quick and accurate readings

The dual display allows the operator to see the output in ppm and % (others available)

Low power allows the CO2 Sentry to operate on battery power for 24 hours or indefinitely from a vehicle or the supplied wall charger

The CO2 Sentry is designed to withstand the harshest of conditions and comes with a two year warranty





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Specifications

Power	12 volts DC at less than 3 Watts
Electrical Classification	General area classification
Ambient Temperature	0 to 50 degrees Celsius (125 F)
Inlet Pressure	5 psig min to 1500 psig max
Flow rate	
Sample	100 cc/min
Sweep	Adjustable
Measuring Range	0 to 20 % Other ranges available
Response Time	20 seconds to alarm
Accuracy	1.5% of full scale
Inputs	24 bit A/D (signal) 16 bit A/D (temperature)
Display	2 x 16 character LCD with backlighting Menu items are scrolled with pushbuttons
Software	A Windows based program for archive retrieval is standard Analyzer configuration software is available
Dimensions	17.6" L x 11.7" W x 7.1" D
Weight	25 Lbs



Optional equipment

Solar Power	A solar power pack is available to extend the operating time of the analyzer
Calibration Kit	Includes calibration cylinder, case and regulator