Envent
Engineering Ltd.

Oxygen Sentry

Model
Oxygen Sentry

This new design by Envent Engineering uses electrochemical technology providing a linear and interference-free output of oxygen concentration for portable monitoring

Applications

Measures oxygen concentration in natural gas

Available in two models
Oxygen Sentry % for percent range measurements
Oxygen Sentry ppm for ppm range measurements

Features

- Ranges from 0 to 200 ppm to 0 to 25% (other ranges available)
- Internal datalogger (8000 records)
- 2.5% accuracy, 2% repeatability
- Internal battery pack for 12 hours operation
- Less than 60 second response
- Interference free electrochemical sensor
- One year sensor life
- Optional solar operation
- Two year warranty
- High pressure sample system

Value

The Envent Oxygen Sentry measures oxygen in natural gas or other process streams Designed as a portable analyzer for spot tests. The oxygen 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 oxygen Sentry to operate on battery power for 12 hours or indefinitely from a vehicle or the supplied wall charger

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

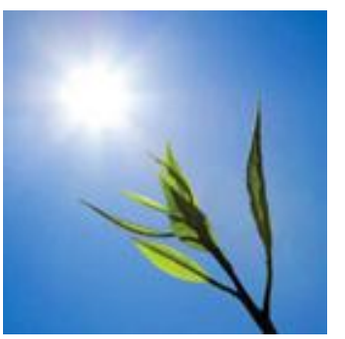
Envent Engineering Ltd. Bay E 7060 Farrell Road. SE, T2H 0T2 Calgary, Alberta, Canada.
Telephone 403 253 4012 Fax 403 253 4016 Email info@envent-eng.com www.envent-eng.com

Toll Free 1 877 936 8368

Oxygen Sentry

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** **Sweep**	 100 cc/min Adjustable
Measuring Range	0 to 200 ppm (ppm) or 0 to 25% (percent) Other ranges available
Response Time	60 seconds
Accuracy	2.5% of full scale
Inputs	24 bit A/D Microprocessor based sensor block
Outputs	Dual isolated 4-20 mA (Loop powered)
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

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