



## Sulfur Sentry

### Model Sulfur Sentry

This new design by Envent Engineering utilizes H<sub>2</sub>S sensing tape providing a linear and interference-free output of H<sub>2</sub>S concentration for portable monitoring

### Applications

Measures H<sub>2</sub>S concentration in natural gas

### Features

- Ranges from 0 to 20 ppm (other ranges available)
- Displays up to 5 times scale
- 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 Envent H<sub>2</sub>S sensing tape
- 7 day tape life
- Optional solar operation
- Two year warranty
- High pressure sample system



### Value

The Sulfur Sentry measures H<sub>2</sub>S in natural gas or other process streams. Designed as a portable analyzer for spot tests. The Sulfur Sentry is easy to operate and provides quick and accurate readings.

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

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

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



# Sulfur Sentry

## Specifications

<b>Power</b>	12 volts DC at less than 3 Watts
<b>Electrical Classification</b>	General area classification
<b>Ambient Temperature</b>	0 to 50 degrees Celsius (125 F)
<b>Inlet Pressure</b>	5 psig min to 1500 psig max
<b>Flow rate</b>	
<b>Sample Sweep</b>	100 cc/min Adjustable
<b>Measuring Range</b>	0 to 20 ppm (0 to 1 Grain) Other ranges available
<b>Response Time</b>	20 seconds to alarm
<b>Accuracy</b>	1.5% of full scale
<b>Inputs</b>	24 bit A/D Microprocessor based sensor block
<b>Outputs</b>	Dual isolated 4-20 mA (Loop powered)
<b>Display</b>	2 x 16 character LCD with backlighting Menu items are scrolled with pushbuttons
<b>Software</b>	A Windows based program for archive retrieval is standard Analyzer configuration software is available
<b>Dimensions</b>	17.6" L x 11.7" W x 7.1" D
<b>Weight</b>	25 Lbs



## Optional equipment

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