



Lab Sulfur Sentry

Model Lab Sulfur Sentry

This new design by Envent Engineering utilizes Envent sensing tape to provide a linear and interference-free output of H₂S concentration for laboratory applications.. Available for hydrogen sulfide and total sulfur (optional) in gas measurements and for total sulfur in hydrocarbon liquids with the addition of the syringe injector/total sulfur conversion option

Applications

Measures H₂S concentration in gases
Optionally total sulfur in gases and refinery liquids

Features

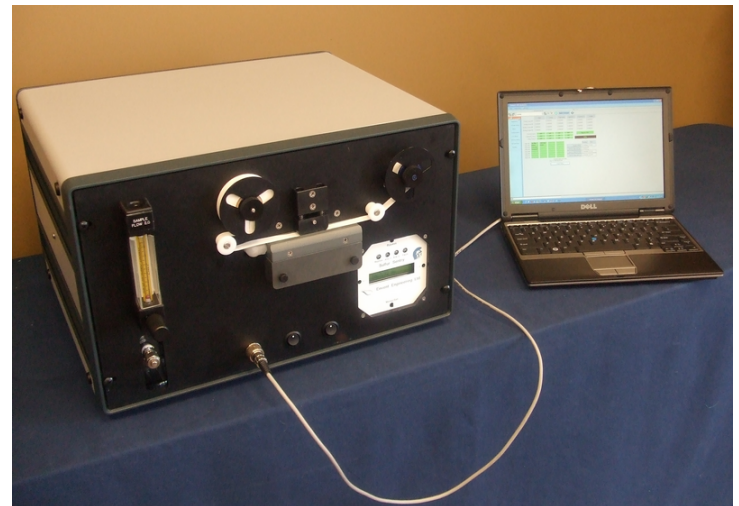
- Ranges from 0 to 20 ppm (other ranges available)
- Displays up to 5 times scale
- Internal datalogger (8000 records)
- 1.5% accuracy, 1% repeatability
- Optional total sulfur conversion
- Optional syringe drive for hydrocarbon liquid injection
- Interference free Envent H₂S sensing tape
- Windows based configuration software
- Two year warranty

Value

The Lab Sulfur Sentry measures H₂S in natural gas, refinery gases or other process streams Designed as an analyzer for quality assurance testing. The Lab Sulfur Sentry is easy to operate and provides quick and accurate results.

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

The Lab Sulfur Sentry is designed for continuous operation and comes with a two year warranty



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Specifications

Power	120 VAC (220/240 VAC optional)
Electrical Classification	General area classification
Ambient Temperature	0 to 50 degrees Celsius (125 F)
Inlet Pressure	15 psig
Flow rate Sample	100 cc/min
Measuring Range	0 to 20 ppm (0 to 1 Grain) Other ranges available
Response Time	Varies with application
Accuracy	1.5% of full scale
Inputs	24 bit A/D Microprocessor based sensor block
Display	2 x 16 character LCD with backlighting Menu items are scrolled with pushbuttons
Software	A Windows based program is standard
Dimensions	11" H x 18.6" W x 15.5" D 27.94 H x 47.24 W x 39.37 D cm
Weight	25 lbs 11.34 kg



Total Sulfur Conversion Option



Syringe Drive Option



Envent supplies sensing tapes for all major H₂S analyzers

Optional equipment

Total Sulfur	A total sulfur conversion oven is available to allow conversion of other sulfurs to hydrogen sulfide
Syringe Injection	A microprocessor controlled syringe injector allows measurement of total sulfur in hydrocarbon liquids when combined with the total sulfur conversion furnace