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Jerome® 860

Hydrogen Sulfide Monitor

The Jerome® 860 hydrogen sulfide monitor is designed to continually monitor and record hydrogen sulfide concentrations in remote locations. The instrument provides automatic, unattended, long-term monitoring of hydrogen sulfide gases in contained or hard to reach areas. The compact, battery powered monitor is portable, water resistant and intrinsically safe.

The heart of the 860 is a durable, electro-chemical sensor calibrated for a measurement range between 0 and 200 ppm. It is also capable of measuring sporadic spikes in H₂S concentrations up to 1000 ppm. The 860's built-in keypad and user-friendly software provide for easy programming and control of the instrument.

The Jerome® 860 measures and stores 100,000 data points, which are downloaded through an infrared (IrDA) port directly to a PC. The data can then be viewed with Jerome® Communication Software (JCS) Lite. JCS Lite, included free with the instrument, makes analysis, reporting, and long term storage of data quick and easy.

Accessories are available to customize the Jerome® 860 to meet individual application needs. A calibration kit, including gas, allows users to calibrate the sensor in the field.



- Rugged molded plastic case
- Durable electro-chemical sensor
- Accurate analysis of hydrogen sulfide in seconds
- Wide detection range allows for multiple applications
- User-friendly, menu-driven, self-contained programming
- Includes free basic data storage and graphing software

Jerome® 860

Hydrogen Sulfide Analyzer



Applications:

- Sewer Works Monitoring Including Sewer Lines, Lift Stations & Manholes
- Hydrogen Sulfide Source Detection
- Leak Detection
- Scrubber Efficiency Testing
- Stack Monitoring
- Nuisance Odor Monitoring

Jerome® 860 Specifications:

Resolution	0.2 ppm
Detection Range	0-200 ppm
Spike Range	up to 1,000 ppm
Accuracy	1.0 ppm or 4% at STP, 2 ppm or 8% at maximum
Response Time	90% of sampled concentration within 35 seconds
Environmental Range	0-50°C 20 - 80% humidity - normal operating conditions 80 - 100% humidity - for short periods
Interface	Infrared (IrDA), PC/PocketPC compatible
Data Capacity	100,000 data points
Dimensions	7.5" L x 4.25" W x 2.5" H / 19cm L x 10.8cm W x 6.4cm H
Weight	2 lb / 1 kg
Battery	user changeable pack, 1 year life at a 1 minute sampling rate
Display	8 digit alphanumeric
Warranty	1 year factory parts and labor
Certification	UL913 Intrinsic Safety Class 1, Division 1, Group A, B, C, D, T4 Class 1, Zone 0, Group IIC, T4

Optional Equipment/Accessories:

- Calibration Kit for sensor calibration in the field