

Portable Hydrogen Sulfide Analyzer

Gas Analyzer | Series 150-Portable



Product Features

- Completely portable
- Compact (10" x 12" x 6") and lightweight (10 lbs)
- Rechargeable battery pack (~8 hour operation)
- Rugged built analyzer system
- Data Logger for data download to PC (optional)
- Internal sample pump for ambient air draw (optional)
- ASTM approved methods
- Specific to H₂S only. No 'false positives', ever
- Automatic zero without zero gas
- Calibrations rarely required
- Fault Diagnostics
- Remote monitoring/control of analyzer (optional)

Applications

- Rapid hydrogen sulfide specific analysis
- Landfill and Biogas use
- Ambient air measurements (optional internal pump)
- Oil field operations
- Unbeatable accuracy
- Rugged built analyzer system
- Remote & Web based control of analyzer

Product Description

The Series 150-Portable analyzer monitor is a completely portable gas analyzer. The analyzer features a cost-effective continuous analysis method for process control, air quality, laboratory, atmospheric monitoring and product quality purposes. In addition, the gas analyzer is accurate, dependable, and low maintenance.

Maximum versatility is offered with its compact (10" x 12" x 6"), lightweight (10 lbs), and wide range ability (single digit ppb to 500 ppm). The analyzer includes a rechargeable battery pack for completely portable operation in the field. An optional internal sample pump is available if sampling of the atmospheric air or similar is required. An optional Data Logger allows for data download to memory module for upload to PC for review.

The analyzer features the only detection technology capable of measuring hydrogen sulfide without interference or 'false positives' from other components. The microprocessor-based technology provides analysis based on the specific and interference free ASTM approved tape detection of operation.

This reliable field proven gas analyzer system continuously and specifically quantifies the hydrogen sulfide level in the sample with very minimal maintenance. Users demand Analytical System's portable H₂S analyzer due to its precision, simplicity and reliability proven by thousands of worldwide installations around the globe.





Typical Specifications

DISPLAY

- Alpha Numeric LCD
- 128 x 64 pixel

TEMPERATURE RANGES

- 5°C to 50°C (operating)
- 0°C to 70°C (storage)

ANALOG

- Isolated 4-20mA

ANALYTICAL PERFORMANCE

- Resolution: 1 ppb
- Accuracy: $\pm 2\%$
- Repeatability: $\pm 1\%$
- Linearity: $\pm 1\%$
- Drift: Nil
- Temp. Coefficient: 0.01% / °C
- Analysis Time: 0.75 Second

DETECTION RANGES

- 0-1 ppm
- 0-50 ppm
- 0-500 ppm
- Other ranges available (contact factory)

BATTERY PACK

- Operate ~8 to 16 hours, fully charged

WEIGHT

- Approx. 10 lbs; 4.5 kg

DIMENSIONS

- 10" X 12" X 6"

POWER OPTIONS ≥ 5 Watts

- 110VAC, 60 Hz
- 220VAC, 50 Hz
- 12VDC
- 24VDC

MAXIMUM PRESSURE

- 100 psig
- Greater with pressure regulator installed

AVAILABLE OPTIONS

- Internal Sample Pump (for atmospheric sampling or short sample lines)
- Data Logger for data download to PC
- Remote monitoring/control with PC



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