

Analyzers that work.

Hydrogen Sulfide Gas Analyzer

Gas Analyzer | 50 Series



Portable Configuration shown

Product Features

- Small form factor (10" x 12" x 6") and lightweight (10 lbs)
- Rechargeable battery pack (Portable Configuration)
- 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 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 50 Series H₂S analyzer is a state of the art 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 size (10" x 12" x 6"), low weight (10 lbs), and precise measurement ability (down to single digit ppb up to 500 ppm). An optional internal sample pump is available for 50-Portable configuration 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 and field proven gas analyzer system continuously and specifically quantifies the hydrogen sulfide level in the sample with very minimal maintenance. Users demand KECO's H₂S analyzers due to its precision, simplicity and reliability proven by thousands of worldwide installations around the globe.

KECO

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
- Response time: <2-3 min T90*

DETECTION RANGES

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

PACKAGING OPTIONS

- All have high-impact, industrial grade fiberglass
- Portable & Lab Packaging: Includes power switch, power receptacle, and banana jacks for 4-20mA loop
- Process Packaging: Built for Class 1 Division 2 areas and weather resistant

BATTERY PACK

- Operate ~8 to 16 hours, fully charged (included with 50-PORTABLE. Not included with Process or Lab Packaging)

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 (optional)

AVAILABLE OPTIONS

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

*Based on laboratory conditions



Equipamientos Analíticos S.A

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