



ISO 9001: 2000
Certified

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Detcon Portable H₂S Analyzer

Model P-1000-H2S

Applications

- H₂S in Natural Gas Pipelines
- Custody Transfer H₂S Analysis
- H₂S in Natural Gas Wells
- H₂S Scrubber Efficiency

Specifications

Sensor Type

Advanced Electrochemical Cell

Measurement Range

0-20 PPM, 0-100 PPM or 0-1,000 PPM

Accuracy-Repeatability

±2.5% of Full Scale Range

Response Time

T-90 <60 Seconds

Operating Temperature Range

0°C to +50°C; 32°F to +122°F

Electrical Classification

Intrinsically Safe
Class I; Division 1
EEx ia IIC T3C

Enclosure Rating

NEMA 4X, IP 66

Dimensions

21.5"W x 17.5"H x 9"D

Weight

26 lbs

Order Guide

- 952-720100-200 Model P-1000-H2S
- 392-32240P-020 ISM 0-20 PPM*
- 392-32240P-100 ISM 0-100 PPM*
- 392-32240P-01K ISM 0-1000 PPM*
- 975-P10110-240 Battery Charger

*ISM Includes Plug-in H₂S Sensor



Description

Detcon Model P-1000-H₂S is a portable gas analyzer designed to provide accurate measurement of Hydrogen Sulfide gas concentrations in natural gas wells, natural gas pipelines and in the outlet from natural gas treating plants. The portable battery powered instrument utilizes advanced electrochemical sensor technology and microprocessor based electronic control circuitry that includes a built-in portable data logger. Stored data can be downloaded to a spreadsheet and used to create trend graphs, average readings and peak values. A universal signal conditioning circuit with an LCD display and any one of three intelligent sensor modules can be combined to provide ranges of measurement 0-20 PPM, 0-100 PPM or 0-1000 PPM. The analyzer sensor and control circuitry are mounted in a weatherproof enclosure with a built-in battery supply and secondary sample conditioning components. Model P-1000-H₂S is capable of continuous operation for a period of approximately 30 days before battery recharge is required. The intrinsically safe design is suitable for hazardous area usage.

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