



ISO 9001: 2008
Certified

888-367-4286
713-559-9200
fax 281-292-2860
www.detcon.com
sales@detcon.com

MODEL P-1000-H2S

PORTABLE HYDROGEN SULFIDE ANALYZER

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.



FEATURES

- ▷ Portable Weatherproof Enclosure
- ▷ Approximately 30 Day Battery Life
- ▷ Simple Operation and Field Calibration
- ▷ Built in Data Logger

APPLICATIONS

- ▷ Gas Well Testing & Analysis
- ▷ Gas Well Production Sites
- ▷ Gas Treatment Plants
- ▷ Gas Transmission Custody Transfer Compliance

ORDERING GUIDE

Part Number	Description
952-724000-020	Model P-1000-H2S 20 PPM Range
952-724000-100	Model P-1000-H2S 100 PPM Range
952-724000-01K	Model P-1000-H2S 1,000 PPM Range
371-242400-020	Plug-in Sensor for 20 PPM Range
371-242400-100	Plug-in Sensor for 100 PPM Range
371-242400-01K	Plug-in Sensor for 1,000 PPM Range
975-P10110-240	Battery Charger

*Analyzers come with plug in sensor
Other ranges available*

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

-40°C to +50°C; -40°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

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