



ISO9001:2000
Certified

Gas Detection Technology

Model PT301-N H₂S Gas Generators

For Accurate and affordable
H₂S Gas Sensor Calibrations

Features

- Microprocessor Based Design
- 5 to 60 ppm Range
- Field replaceable gas generating cell
- Low battery indicator
- Large LCD Display
- Uses four C size Alkaline batteries
- Auto Clear and Shut down
- Self diagnostics features



Description

Model PT301N is a rugged and highly accurate microprocessor based Hydrogen Sulfide gas generator. The unit uses an electrochemical generating cell and latest CMOS technology that makes it a compact and versatile system. The system provides push buttons to adjust the gas concentration and for system diagnostics. A low battery alarm is indicated by the "Low Battery" message displayed on the LCD. The system software constantly runs the diagnostic features to monitor the concentration of the gas generated. The diagnostic information is also displayed on the LCD. This information can be used to verify the concentration of the gas or trouble shoot the unit. The system also features a safe shut down mode to prevent any damage to the generating cell.

At 10 ppm the cell can generate H₂S for 60 hours after which it can be replaced with a new cell in minutes.

Model PT301-N H₂S Calibrator

Specifications

Type

Electrochemical Gas generating cell

Display

2 lines by 16 character LCD display

Alarm

Low battery indicator

Cell Life

60 hours continuous at 10 ppm

Weight

2 Pounds

Dimensions

7 "L x 4"W x 5"H

Operating Temperature

-20°C to 45°C

Power Source

4 size C Alkaline batteries

Battery Life

Approximately 100 Hours

Enclosure

High impact Polystyrene

Ordering Information

Complete Unit: P/N: PT301-N

Replacement Cell: P/N: C-160

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