

PGas-41 Portable Multiple Gas Detector



Brief Introduction

PGas-41 portable multiple gas detector can detect the content of four kinds of gases(oxygen, carbon monoxide, hydrogen sulfide and methane) at the same time and display the concentration .It will alarm immediately once the concentration of gas reaches or exceeds the preset alarm point.

Main Features

- ◆ Real-time detection of oxygen, carbon monoxide, hydrogen sulfide and methane
- ◆ True-color lattice TFT screen display
- ◆ Setting upper/lower alarm points, STEL and TWA is also inclusive for carbon monoxide and hydrogen sulfide gases
- ◆ Automatic battery detection and undervoltage indication.
- ◆ Alarm with LED, buzzer, earphone(optional) and vibration
- ◆ Setting brightness of back light according to practical need to save power
- ◆ Storage of historical data and alarm events
- ◆ NDIR printer can print real-time concentration data(optional)
- ◆ Gas pump realizes detection by pumping(optional)
- ◆ Calibration and set of detector through PC

Add: No.101 Yulan Street, Zhengzhou High & New Industry Development Zone, Henan, China

Tel: +86-371-68988008 **Fax:** +86-371-56980200

Website: <http://www.globeinstrument.com>

E-mail: sales@globeinstrument.com

Technical Parameters

Measuring gas	Range	Accuracy	Minimum reading	Response time
O ₂	0~25% vol	<±5% (VOL)	0.1% vol	≤20sec
CH ₄	0~100%LEL	<±5% (F.S)	0.1%LEL	≤30sec
CO	0~999ppm	<±5% (F.S)	1ppm	≤50sec
H ₂ S	0~100ppm	<±5% (F.S)	0.1ppm	≤50sec

Other Parameters

Temperature	-20~50℃
Pressure	0.9~1.1 standard atmospheric pressure
Humidity	10~95%RH (non condensation)
Explosion-Proof Grade	Exia II CT3
Protection Grade	IP65
Charging Time	4h~6h
Working Time of Battery	>8 h (non alarm state)
Length of Pump Pipe	<1 meter
Measurement Principle of Sensor	Electrochemical,catalytic combustion
Power Supply	lithium battery
Dimensions	85*153*50 mm(host machine) 45*239*28 mm(hand shank of gas pump)
Weight	about 300g(host machine) about 80g(hand shank of gas pump)

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