Portable SO₂Gas Detector LD-LPSG-A20

Portable SO$_2$ Gas Detector LD-LPSG-A20

Overview

Portable SO$_2$ Gas Detector LPSG-A20 is a fast response and high accuracy gas measurement device with 0 to 1000 ppm range. Its internal sampling pump with fast sampling speed and high flow rate, ensures the accurate response time of the detector. Portable nature, small size ait offers role in special high intensity engineering plastic housing, suitable for different kinds of situation and environment. The gas concentration unit ppm and mg/m3 can be shifted quickly and also the local time can be shown on the screen.

Features:

- Monitor the SO$_2$ gas concentration in environment
- Built in micro sampling pump and 10 grades of suction are available
- High speed data transmission by USB, which can download and print data
- Equipped by self-calibration and zero calibration function, makes the detection more accurate and reliable
- Feature by aluminium suitcase and charging adapter
- Two stages alarm with sound and light, alarm point is settable
- The gas concentration unit ppm and mg/m^3 can be shifted quickly
- Rechargeable lithium polymer battery of large capacity
- LCD dot matrix display, the gas type, unit, concentration
- Employing pumping sampling method and the pumping suction is adjustable

Applications:

Portable SO$_2$ Gas Detector is used in petrochemical and chemical industry, agriculture environment protection, electronic, food, pharmaceutical industry, bio-pharmaceutical plant, green household and Furniture, flooring, wallpaper, paint, gardening, interior decoration and renovation, dyes, paper, medical, corrosion, fermentation process.

Specifications:

Weight	300 g
Display	LCD dot matrix display
Gas unit	Units are switchable
Humidity	0 to 95 % RH
Dimension	205 × 75 × 32 mm
Precision	2 % fs
Alarm mode	Sound, light, vibration
Resolution	1 ppm
Zero shift	? ± 1 % ?fs /year?

Temperature	-20° C to 50 °C
Gas detected	Sulfur dioxide SO_2
Measure range	0 to1000 ppm
Recovery time	? 10 s
Repeatability	? ± 1 %
Response time	? 10 s
Signal output	High-speed data transmission by USB, available for data downloading and printing
Operating time	100 h (pump off)
Explosion-proof	Exib ll CT4
Linearity error	? ± 1 %
Sampling method	Pumping suction, flow rate can up to 1L/min, ten grades of pumping suction for selection.
Operating language	English
Detection principle	Electrochemistry
Degree of protection	IP66