

Portable NO₂ Gas Detector LPSG-A21



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Portable NO₂ Gas Detector LPSG-A21 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 and 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 NO₂ 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/m³ 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

Application

Portable NO₂ Gas Detector is used in petrochemical and chemical industry, agriculture environment protection, electronic, food, pharmaceutical industry, bio-pharmaceutical plant, green household and fermentation process.

Specification

Model	LPSG-A21
Gas detected	NO2
Detection principle	Electrochemistry
Sampling method	Pumping suction, flow rate can up to 1L/min,
	ten grades of pumping suction for selection.
Measure range	0 to 1000 ppm
Resolution	1 ppm
Precision	2 % fs
Signal output	High-speed data transmission by USB,
	available for data downloading and printing
Response time	≤ 10 S
Repeatability	≤ ± 1 %
Zero shift	≤ ± 1 % (F.S./year)
Operating language	English
Temperature	-20° C to 50 °C
Explosion-proof	Exib II CT4
Alarm mode	Sound, light, vibration
Recovery time	≤ 10 S
Linearity error	≤ ± 1 %
Display	LCD dot matrix display
Gas unit	Units are switchable
Humidity	0 to 95 % RH
Degree of protection	IP66
Operating time	100 h (pump off)
Dimension	205 × 75 × 32 mm
Weight	300 g