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# Portable Multiple Gas Detector LPMG-A10

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## Portable Multiple Gas Detector LPMG-A10

Portable Multiple Gas Detector LPMG-A10 with compact handheld design, simultaneously detects contents of four different gases namely H<sub>2</sub>S, CO, O<sub>2</sub>, CH<sub>4</sub>. Large easy to read lattice TFT display shows all real time detection values of gases. Used in field detection of multiple gases for quality testing and research purpose.

### Features

- Portable, lightweight design
- Save power by adjusting back light brightness
- Electrochemical, catalytic combustion, imported sensor
- Can set Upper/Lower alarm limits for better operations
- Alarm with LED buzzer, vibration alerts when gas spikes are detected
- Automatic battery detection (under-voltage indication)
- Stores test memory data, alarm data

### Applications

Used for simultaneous field detection of H<sub>2</sub>S, CO, O<sub>2</sub>, CH<sub>4</sub> across mining, environmental industry, waste management plants, petroleum testing units, gas and chemical industry.

## 4 in 1 Gas Detector Details

Measurement Gas	Range	Accuracy	Minimum reading	Response time
O <sub>2</sub>	0 to 25 % Vol	<± 5 % (VOL)	0.1 % Vol	≤ 20 sec
CH <sub>4</sub>	0 to 100 % LEL	<± 5 % (F.S.)	0.1 % LEL	≤ 30 sec
CO	0 to 999/1000 ppm	<± 5 % (F.S.)	1 ppm	≤ 50 sec
H <sub>2</sub> S	0 to 99/100 ppm	<± 5 % (F.S.)	0.1 ppm	≤ 50 sec

## Specifications

Model no.	LPMG-A10	
Sampling Method	Diffusion	
Working conditions	Temperature	-20 to 50°C
	Pressure	0.9 to 1.1 (standard atmospheric pressure)
	Humidity	10 to 95 % RH (no dew condensation)
Explosion proof grade	Exia II CT3	
Protection grade	IP65	
Charging time	4 to 6 h	
Working time of battery	> 8 h (non-alarm state)	
Type of battery	Lithium battery	
Length of Pump pipe	< 1 meter	
Measurement principle of sensor	Electrochemical, catalytic combustion	
Power supply	Lithium battery (DC 3.7V, 2400mAh)	
Dimension (host machine)	85 × 153 × 50 mm	
Dimension (hand shake of gas pump)	45 × 239 × 28 mm	
Weight (host machine)	About 300 g	
Weight (hand shake of gas pump)	About 80 g	
HS Code	9027100090	

## Optional Accessories

Accessories No.	Name
01	Hand held gas pump