



Portable Multi-Gas Detector

SPR-701



Application:
Worksites in petroleum, chemical, environmental protection, metallurgy and other industries

1. General Specifications

SPR-701 portable multi-gas detector could detect combustible gas, O2 and other two types toxic gases continuously and simultaneously. It is widely used in the area where explosion-proof is required or toxic gas leaks, like underground channels or mining industry, so as to protect the workers' life and avoid damage on the relevant equipment. The shell is made of high - strength engineering plastics and composite anti-skid rubber. Waterproof, dust-proof, and explosion-proof.

2. Features

1. Smart, firm, portable and can be used as fixed device.
2. High accuracy.
3. Compact size and light weight.
4. Waterproof, dust-proof, and explosion-proof.
5. Audible, visible and vibrating alarms.
6. High and low alarm point.
7. Friendly and easy to use.
8. Battery type: 3.7V/1800mA.
9. Rechargeable battery.
10. Low maintenance cost, plug-in type sensors and battery.
11. Accessories:
 - Suit case packaging
 - Gas detector
 - Charger
 - User manual
 - Certificate
 - Calibration cap
 - Communications cable

3. Technical Specifications

Measuring Range	O2: 0~30%vol CO: 0~1000ppm H2S: 0~100ppm CH4: 0~100%LEL
Low Alarm	O2: 19.5%vol CO: 50ppm H2S: 10ppm CH4: 20%LEL
High Alarm	O2: 23.5%vol CO: 150ppm H2S: 35ppm CH4: 50%LEL
Resolution	O2: 0.1%vol, CO: 1ppm H2S: 1ppm, CH4: 1%LEL
Accuracy	±5% F.S.
Response Time	T90<60s
Indication	LCD displays real - time and system status; LED, audio and vibration alert for gas leakage
Working Environment	-10°C~50°C, <95%RH
Gas Sensor Life	2 years (Depends on the specific usage environment)
Working time	≥ 8h continuously (without alarming)
Protection Grade	IP66
Explosion-Proof Grade	Ex ib IIB T3 Gb
Power Source	DC3.7V Li-on battery, 1800mAh
Charging Time	< 6h
Dimensions	136mm×72mm×32mm
Weight	300g

