

K40

PORTABLE MULTIGAS DETECTOR

Combustible Gas (EX) | Oxygen (O2)
Hydrogen Sulfide (H2S) | Carbon Oxide (CO)



DESCRIPTION

The K40 portable multi-gas detector, utilises cutting-edge large-scale integrated circuit technology, intelligent design technology, and proprietary digital simulation hybrid communication technology. Employing a natural diffusion method for gas detection, it incorporates high-quality gas sensors for its sensitive elements, ensuring outstanding sensitivity and repeatability. It offers convenient usage and maintenance, effectively meeting industrial safety standards.

Made with high-strength engineering plastics and composite non-slip rubber, provides high durability, water and dust proof, and explosion-proof features. Widely used across various industries including oil, chemical, environmental protection, metallurgy, refining, gas transmission and distribution, biochemical medicine, agriculture, and more.

TECHNICAL DATA

TARGET GAS	RANGE	LOW ALARM	HIGH ALARM	RESOLUTION
EX	0~100%LEL	20%LEL	50%LEL	1%LEL
H ₂ S	0~100ppm	10ppm	35ppm	1ppm
CO	0~1000ppm	50ppm	150ppm	1ppm
O ₂	0~30%vol	19.5%vol	23.5%vol	0.1%vol

Other gases needed, please contact supplier



HIGHLIGHTS

- 1 INDUSTRIAL PRECISION SENSORS
- 2 FAST RESPONSE TIME
- 3 USER-FRIENDLY INTERFACE
- 4 WIRELESS CONNECTIVITY
- 5 LONG BATTERY LIFE
- 6 COST EFFECTIVE

CERTIFICATIONS

EN61326-1 | IEC62321 | ExiallCT3
IP65 | Ex ib IIC T4 Gb



SCAN FOR MORE INFO

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CONTACT DETAILS

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SPECIFICATIONS

- Detecting Gas: Combustible gas, H2S, CO, O2
 - Natural diffusion sampling method and high-sensitivity sensor, with high sensitivity and repeatability
 - Full functions, easy operation
- High strength engineering plastics and compound anti-slippery rubber; high strength, water-proof, dust-proof and explosion-proof
- Widely used in oil, chemical, environmental protection, metallurgy, refining, gas transmission and distribution, biochemical medicine, agriculture and other industries.

Accuracy	≤±5% F.S.
Response time:	T<60s
Explosion-proof level:	Ex ib IIB T3 Gb
Alarm method:	4 alarm method: sound, vibration, light, display
Operating environment:	Operating temperature -10°~55°
Humidity:	<95%RH non-condensing
Operating voltage:	DC3.7V Li battery 1800mAh
Working time:	≥8 hours continuously
Charging time:	4~6 hours
Sensor life:	2 years
Protection category:	IP67
Weight:	Appr. 300g (with battery, without accessories)
Dimensions:	136*72*32 mm



APPLICATIONS

- **Industrial Settings:** Protect workers in manufacturing plants, refineries, and chemical processing facilities from potential gas hazards.
- **Oil and Gas Exploration:** Ensure the safety of personnel involved in exploration, drilling, and production activities by monitoring for flammable gases.
- **Emergency Response:** Equip first responders with the tools they need to assess and address hazardous situations swiftly and effectively.
- **Environmental Monitoring:** Safeguard the environment by detecting and monitoring gas emissions and pollution levels in real-time.

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Gas Detection



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