

K40

PORTABLE MULTIGAS DETECTOR

Combustible Gas (EX) | Oxygen (02) 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
СО	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
- WIRELESS CONNECTIVITY
- PAST RESPONSE TIME
- 5 LONG BATTERY LIFE
- USER-FRIENDLY INTERFACE
- 6 COST EFFECTIVE

CERTIFICATIONS

EN61326-1 | IEC62321 | ExialICT3 IP65 | Ex ib IIC T4 Gb



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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
Response time:
Explosion-proof level:

perating environment:
Humidity:
Operating voltage:
Working time:
Charging time:
Sensor life:
Protection category:

Dimonsis

≤±5% F.S.

T<60s

Ex ib IIB T3 Gb

4 alarm method: sound, vibration, light, display

Operating temperature -10° \sim 55°

<95%RH non-condensing

DC3.7V Li battery 1800mAh ≥8 hours continuously

4~6 hours

2 years

IP67

Appr. 300g (with battery, without

accessories) 136*72*32 mm

Dimensio



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.

ABOUT AQUAGAS

MADE TO MEASURE

Environmental Monitoring and Process Automation

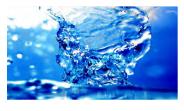
Emissions and Process



Indoor and Ambient Air



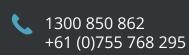
Industrial and Surface Water



Gas Detection



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