# 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 <sub>2</sub> S	0~100ppm	10ppm	35ppm	1ppm
СО	0~1000ppm	50ppm	150ppm	1ppm
O <sub>2</sub>	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
- FAST 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.

Charging time:

≤±5% F.S.

Ex ib IIB T3 Gb

4 alarm method: sound, vibration, light, display

Operating temperature -10°~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





### **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** 

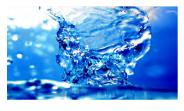
**Emissions and Process** 



**Indoor and Ambient Air** 



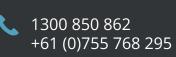
**Industrial and Surface Water** 



**Gas Detection** 



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