BH-4S

PORTABLE MULTIGAS DETECTOR

Combustible Gas (LEL) | Oxygen (02) Hydrogen Sulfide (H2S) | Carbon Oxide (CO)



DESCRIPTION

The BH-4S features the latest 32-bit microprocessor and an imported industrial-grade sensor for gas detection via natural diffusion, offering rapid response, high accuracy, and excellent repeatability, ensuring consistently stable performance. Equipped with a 2.4-inch LCD display, can upload data to a computer to assist users in data analysis.

The BH-4S is a certified product that complies with national measurement production license standards. It monitors continuously and simultaneously combustible gases, oxygen (O2), and two other types of toxic gases. It is commonly used in environments where explosion-proof measures are necessary or where toxic gas leaks may occur, such as underground channels or the mining industry, to safeguard workers' lives and prevent damage to relevant equipment.

TECHNICAL DATA

TARGET GAS	RANGE	LOW ALARM	HIGH ALARM	RESOLUTION
LEL	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

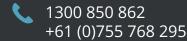
- INDUSTRIAL PRECISION SENSORS
- WIRELESS CONNECTIVITY
- PAST RESPONSE TIME
- 5 LONG BATTERY LIFE
- USER-FRIENDLY INTERFACE
- 6 COST EFFECTIVE

CERTIFICATIONS

EN61326-1 | EN6100-4 | IEC62321 IECEx | IP65 | Ex ib IIB T3 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
- 32-bit built-in MCU, high reliability and self-adaptation ability
- CSTN colorful LCD, more intuitive, abundant and clear
- High strength engineering plastics and compound anti-slippery rubber; high strength, water-proof, and compound strength, water-proof, dust-proof and explosion-proof

≤±5% F.S.

LCD displays real-time and system status; LED, audio and vibration alert for gas leakage, fault and low voltage

-20°∼50° for toxic gases

-40°∼70° for Ex

<95%RH (no dew)

Power source:

Charging time:

Automatically activated when working in poor lighting environment or the alarm sounding or the button is knobbed down DC3.7V Li-on battery, 1800mAh

6~8 hours

≥8 hours continuously (without alarming)

2 years Ex ib IIB T3 Gb

IP65

Appr. 400g (with battery) 130*67*30 mm sound/light/vibration

2.0 inch LCD display

Suit case packaging, 1pc; Charger, 1pc; Calibration cap, 1pc; Communications cable, 1pc; User manual, 1pc

APPLICATIONS

Industrial Settings: Protect workers 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



Industrial and Surface Water



Indoor and Ambient Air



Gas Detection



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