AQUA GAS

BH-90A

PORTABLE SINGLE GAS DETECTOR

Combustible Gas (CH4, C3H8, H2) and toxic gas | Oxygen (02)
Rare toxic gas like ammonia, NO, PH3, NH3, NO2, HCN, SO2 available

DESCRIPTION

The BH-90A is a compact single gas detector featuring advanced sensor and micro-control technology for quick response, high accuracy, and excellent repeatability. It leads the industry in performance and is easy to operate.

With a built-in large, rechargeable lithium battery, it offers extended standby time. Its LCD screen displays technical data and gas concentration values accurately. Designed with anti-slip material, it is portable and suitable for various environments, including explosion-proof areas, toxic gas leak rescues, underground pipes, mines, metallurgy, electric industries, chemicals, tunnels, and more.

Efficiently preventing accidents, ensuring worker safety, and protecting facilities from damage, the BH-90A is an essential tool for various industries.

TECHNICAL DATA

TARGET GAS	RANGE	LOW ALARM	HIGH ALARM	RESOLUTION
EX	0~100%LEL	20%LEL	50%LEL	1%LEL
H_2S	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

LCD Panel
Light Alarm
USB Charging
Button
Buzzer Hole
Sensor Hole
Back Clamp
Back Label

10cm
6cm
3cm

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 | EN61000| IEC62321
Ex ib IIC T4 Gb

SCAN FOR MORE INFO

CALL NOW

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AQUA GAS

CONTACT DETAILS

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SPECIFICATIONS

- Detecting Gas: Combustible gas, CH4, C3H8, H2, O2, other rare toxis gas like ammonia, NO, PH3, NH3, NO2, HCN, SO2 also available
- Advanced MCU control with low power consumption
- Adjustable low and high alarm level and adjustable calibrating level
- Self test for the combustible gas sensor
- Low battery indication, self-adjustment function, visual and audible alarm with vibration
- Password management to avoid wrong operation
- Advanced self-examination and self-renovation function
- Explosive proof housing

Accuracy	≤±5% F.S.
Response time:	T<30s
Indication:	LCD indicates the time and state Indication of alarm, fault and low voltage with LED, sound, vibration
Working environment:	-40°～70° (for combustible gas)
	-20°～50° (for toxic gas)
Humidity:	＜95%RH non-condensing
Operating voltage:	DC3.7V Li-on battery, 1500mAh
Charging time:	4~6 hours
Working time:	≥8 hours continuously
Sensor life:	2 years
Protection category:	IP65
Weight:	Appr. 130g (with battery)
Dimensions:	100*60*30 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

Industrial and Surface Water

Indoor and Ambient Air

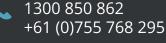**Gas Detection**