BOSEAN

BH-4S
Portable 4-in-1 Gas Detector

22:28:05 🔊	29% 🔋
O2	22.8%VOL
Ex	0%LEL
H2S	0PPM
CO2	0.00%
2017-12-25	
Log Menu Curv	

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- Chinese-English switching
- Four alarm methods
- Upload data to computer
- Industrial sensor

Size：145x69x28mm

145 mm

69 mm
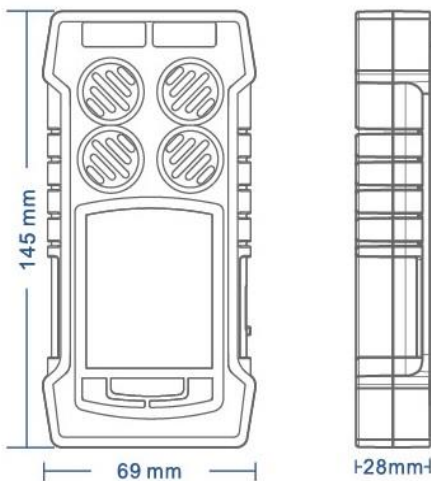
28mm

Technical Parameters

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Gas sampling method:	Natural Diffusion
Alarm methods:	sound, light, vibration, curve display
Working Temperature:	-20℃-60℃
Power:	3.7V 2000mA rechargeable lithium battery
Sensor life: 2 years	Unit: ppm or mg/m³
Charging time:	<7 hours
Display:	2.4 inch colored LCD display
Operating time:	working continuously for at least 8 hours
Alarm records storage:	500 records
Explosion-proof:	Exib IIB T3 Gb

BH-4S Portable 4-in-1 Gas Detector

BH-4S adopts the newest 32-bit microprocessor and imported industrial level sensor, detecting gas by natural diffusion type, with fast response, high accuracy, and good repeatability, performance very stable. Using 2.4 inch LCD display, resolution is 320x240, could upload data to computer to help user analyze data. And User could switch language between Chinese and English. The detector is a qualified product, meets with national measurement production license standards.
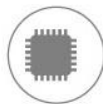
The detector could monitor combustible gas, O2 and other two types toxic gases continuously and simultaneously. It is widely used in the area where explosion-proof is required or toxic gas leaks, like underground channels or mining industry, so as to protect workers' life and avoid damage on the relevant equipment.
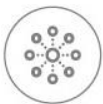
High sensitivity	Large colored LCD display	Micro-processor	Large capacity battery	Fast response	Anti-fire, water,dust

Sensors supported

Can detect more than 30 kinds of gases, can customize flexibly according to users' need (detect 4 different gases in one unit). normally detect Ex, O2,H2S,CO gases.

Range

EX: 0~100%LEL
O$_2$: 0~30%VOL
H$_2$S: 0~100PPM
CO: 0~1000PPM

Resolution

EX: 1%LEL
O$_2$: 0.1%VOL
H$_2$S: 1PPM
CO: 1PPM

Curve display

Can display changes of different gas concentrations of a period of time, to help observe and analyze data.

Alarm methods

Indicate alarm by sound, light, vibration and curve display in different colors. User can set high low alarm point according to actual need.

USB data transmission interface

By installing our software, user can upload data records to computer, which makes it easier to do analysis.

TYPICAL RANGE OF GASES DETECTED

Sensor	Range	Accuracy	Resolution	L-alarm	H-alarm
Carbon Monoxide (CO)	0-1000 ppm	±5%(F.S)	1 ppm	50 ppm	150 ppm
Oxygen (O2)	0-30 %vol	±5%(F.S)	0.1 %vol	19.5 %vol	23.5 %vol
Hydrogen (H2)	0-1000 ppm	±5%(F.S)	1 ppm	50 ppm	150 ppm
Hydrogen Sulfide (H2S)	0-100 ppm	±5%(F.S)	0.1 ppm	10 ppm	20 ppm
Methane (% LEL)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Ethylene Oxide (C2H4O)	0-100 ppm	±5%(F.S)	1 ppm	20 ppm	50 ppm
Combustible Gas (Ex)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Propane (C3H8)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Ethanol (C2H5OH)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Ammonia (NH3)	0-100 ppm	±5%(F.S)	1 ppm	20 ppm	50 ppm
Chlorine (CL2)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Ozone (O3)	0-10 ppm	±5%(F.S)	0.1 ppm	2 ppm	5 ppm
Sulfur Dioxide (SO2)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Phosphine (PH3)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Chlorine Dioxide (CO2)	0-5000 ppm	±5%(F.S)	1 ppm	1000 ppm	2000 ppm
Nitric Oxide (NO)	0-250 ppm	±5%(F.S)	1 ppm	50 ppm	150 ppm
Nitrogen Dioxide (NO2)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Hydrogen Cyanide (HCN)	0-50 ppm	±5%(F.S)	0.1 ppm	10 ppm	20 ppm
Hydrogen Chloride (HCL)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Formaldehyde (CH2O)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Hydrogen Fluoride (HF)	0-100 ppm	±5%(F.S)	0.1 ppm	2 ppm	5 ppm
Toluene (C7H8)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Ethylbenzene (C8H10)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm

*Measuring range, Resolution, L-alarm and H-alarm selectable