

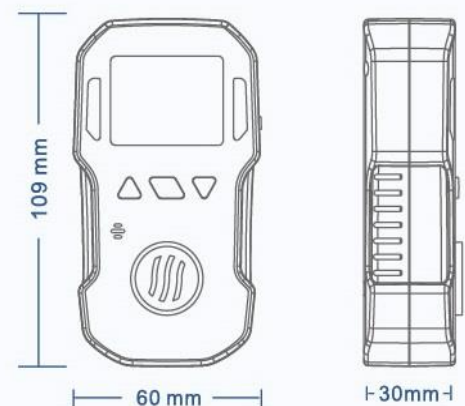


BH-90A

Portable Single Gas Detector

Technical Parameters

Gas sampling method:	Natural Diffusion
Alarm methods:	sound, light, vibration
Working Temperature:	-20°C-50°C
Power:	3.7V rechargeable lithium battery
Sensor life:	2 years
Charging time:	4~6hours
Display:	1.77 inch LCD display
Operating time:	working continuously for at least 8 hours
Explosion-proof:	Exib IIB T3 Gb



Size: 109x60x30mm

BH-90A Portable Single Gas Detector

BH-90A is an economical single gas detector, adopting advanced sensor and micro control technical, quick response, high accuracy, great steadily and repeatability, the detector's performance is the leader grade in the industry, easy to operate.

The detector has built in large and rechargeable lithium battery, long standby; adopt LCD screen that can indicate every technical data and gas concentration value perfectly. The shell is designed by anti slip material, small and portable. Suitable for explosion proof, toxic gas leak rescue, underground pipe, mine, metallurgy ,electric industry, chemical, tunnel and other places. prevent the accident efficiently, keep the worker safe and prevent the facilities from being destroyed.



Industrial sensor



Three alarm methods



Large capacity battery



Cost-effective



Fast response



Anti-fire, water, dust



Sensors supported

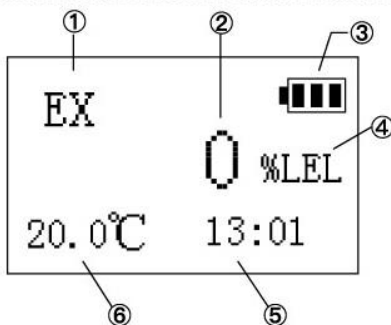
Can detect more than 30 kinds of gases, can customize flexibly according to users' need (detect 4 different gases in one unit). normally detect Ex, O₂, H₂S, CO gases.

Range

EX: 0~100%LEL
O₂: 0~30%VOL
H₂S: 0~100PPM
CO: 0~1000PPM

Resolution

EX: 1%LEL
O₂: 0.1%VOL
H₂S: 1PPM
CO: 1PPM



- 1、Gas display
- 2、Gas concentration content display
- 3、Battery power display
- 4、Unit power display
- 5、Time display
- 6、Temperature display



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 (O ₂)	0-30 %vol	±5%(F.S)	0.1 %vol	19.5 %vol	23.5 %vol
Hydrogen (H ₂)	0-1000 ppm	±5%(F.S)	1 ppm	50 ppm	150 ppm
Hydrogen Sulfide (H ₂ S)	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 (C ₂ H ₄ O)	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 (C ₃ H ₈)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Ethanol (C ₂ H ₅ OH)	0-100 %LEL	±5%(F.S)	1 %LEL	20 %LEL	50 %LEL
Ammonia (NH ₃)	0-100 ppm	±5%(F.S)	1 ppm	20 ppm	50 ppm
Chlorine (CL ₂)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Ozone (O ₃)	0-10 ppm	±5%(F.S)	0.1 ppm	2 ppm	5 ppm
Sulfur Dioxide (SO ₂)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Phosphine (PH ₃)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Chlorine Dioxide (CO ₂)	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 (NO ₂)	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 (CH ₂ O)	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 (C ₇ H ₈)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm
Ethylbenzene (C ₈ H ₁₀)	0-20 ppm	±5%(F.S)	0.1 ppm	5 ppm	10 ppm

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