

Lightweight and Compact Portable Hydrogen Gas Detector for Hazardous Areas

Our Product Introduction

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Basic Information

- Place of Origin: Nanjing, China
- Brand Name: Kelisaike
- Certification: CE
- Model Number: K60
- Minimum Order Quantity: 1PC
- Price: USD 120-880/PC
- Packaging Details: Carton, 20*15*10cm
- Delivery Time: 10-15 working days
- Stock: 1PC
- Shipping Method: LCL, AIR, FCL, Express



Product Specification

- Weight: 120g
- Working Voltage: 3 V Lithium Battery
- Alarm Type: Vibration Alarm With Light, Sound
- Sensor Life: 2 - 5 Years
- Explosion-Proof Grade: Ex Ib Iic T3
- Gas: O₂, CO, CO₂, LEL, H₂S, Etc
- Ambient Temperature: -20 ~ +50
- Display: LCD Display
- Detecting Method: Diffusion
- Highlight: **lightweight portable gas detector, lightweight portable hydrogen gas detector, co portable gas detector**



More Images



Product Description

Lightweight and Compact Portable Hydrogen Gas Detector for Hazardous Areas

Product Description

The K60 series gas detector is a full featured device with unequalled cost efficiency. The detector is warranted for one year and maintenance free, including a battery replacement service.



Key Features

1. Imported world famous sensors with high sensitivity
2. Light weight and compact design (less than 120 g), easy to operate
3. Bright red flashing visual alarm
4. 90 dB audible vibration alarm
5. Excellent built-in vibration alarm ideal for environments with high ambient noises
6. Sturdy, protective, concussion-proof design for normal working in harsh environments
7. 3.0 V lithium battery, continuously working for about 24 months (non-alarming state)
8. The 2+2 digits LCD display shows the gas concentration in real time.
9. CERTIFICATIONS: CE, CMC, Ex, MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA).

Technical Specification

Alarm mode	Instantaneous alarm for the lower limit or the higher limit of the gas
Environmental temperature	-20°C~50°C
Environmental humidity	15% - 90%RH(non condensing)
Atmospheric pressure	86 - 106 Kpa
Supply voltage	3 V Lithium battery
Dimension	109 x 56 x 38 mm
Sensor life	2 ~ 5 years
Continuous operation time	more than 20 hours(non-alarm 24 months)
Explosion-proof grade	Ex ib IIC T3
Weight	120 g
Applications	Oil and gas, Chemical, Refineries, Industrial safety, Power plants

Common Used Gas Detection List

No.	Detection gas	Range	Accuracy	90% response time	Min readout	Low/high alarm
1	PH ₃	0-5ppm	±5%(F.S)	≤25s	0.01ppm	0.3ppm/5ppm
2	O ₂	0-30%vol	±5%(F.S)	≤15s	0.1%vol	18%vol/23%vol
3	EX(LEL/CH ₄)	0-100%lel	±5%(F.S)	≤15s	1%lel	25%lel/50%lel
4	CO	0-2000 ppm	±5%(F.S)	≤25s	1 ppm	50ppm/100ppm
5	H ₂ S	0-100 ppm	±5%(F.S)	≤30s	1 ppm	10ppm/20ppm
6	NO ₂	0-20 ppm	±5%(F.S)	≤25s	0.1 ppm	3ppm/10ppm
7	NO	0-250 ppm	±5%(F.S)	≤60s	1 ppm	25ppm/50 ppm
8	SO ₂	0-100 ppm	±5%(F.S)	≤30s	0.1 ppm	2 ppm /10 ppm
9	CL ₂	0-20 ppm	±5%(F.S)	≤30s	0.1 ppm	1 ppm /10 ppm
10	NH ₃	0-200ppm	±5%(F.S)	≤50s	1 ppm	25 ppm /50 ppm
11	H ₂	0-1000 ppm	±5%(F.S)	≤60s	1 ppm	50 ppm /100 ppm
12	HCN	0-50ppm	±5%(F.S)	≤200s	0.1ppm	10ppm/20ppm
13	HCL	0-20ppm	±5%(F.S)	≤60s	0.1ppm	5ppm/10ppm
14	CH ₄ (IR)	0-5%vol	±5%(F.S)	≤60s	0.01%vol	customized
15	CO ₂ (IR)	0-5%vol (0-5000ppm)	±5%(F.S)	≤60s	0.1%vol (1ppm)	customized
16	PID(VOCs)	1-1999ppm	±5%(F.S)	≤20	0.1ppm	customized
17	C ₃ H ₈	0-5%vol	±5%(F.S)	≤60s	0.01%vol	customized
18	O ₃	0-10ppm	±5%(F.S)	≤30s	0.02ppm	1ppm/2ppm



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