

Instantaneous Alarm Portable Gas Detector for Various Gas Concentrations

Our Product Introduction

Basic Information

- Place of Origin: Nanjing, China
- Brand Name: KELISAIKE
- Certification: CE
- Model Number: K60B
- 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: **co portable gas detector,**
o2 portable gas detector,
co portable hydrogen gas detector



Product Description

Instantaneous Alarm Portable Gas Detector for Various Gas Concentrations

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.





>> Product Detail

K60 Portable Single Gas Detector



UK sensors (brands CITY, Alphasense, Dynament etc.), US (brand Honeywell), Japanese and German sensors, ensuring high stability& sensitivity

CE/ ATEX approved. Gas detectors are approved under the ATEX directive.



- **Applicable in harsh environments:** -4 °F to 122°F (-20°C – +50°C), 0 – 95% RH, non-condensing (anti-splash)
- **IP66 Ingress Protection:** compact and durable body design, wider application environments

Ultra-strong battery: Japanese battery, ensuring 10 months working time



- **High response speed:** Specially designed main board for industrial use; 10+ years professional engineering team for technical solutions
- **OBM/ ODM/ OEM Service:** with over 14 years experience, specializing in gas detectors.

>>>Key Features

Imported world famous sensors with high sensitivity
 Light weight and compact design (less than 120 g), easy to operate
 Bright red flashing visual alarm
 90 dB audible vibration alarm
 Excellent built-in vibration alarm ideal for environments with high ambient noises
 Sturdy, protective, concussion-proof design for normal working in harsh environments
 3.0 V lithium battery, continuously working for about 24 months (non-alarming state)
 The 2+2 digits LCD display shows the gas concentration in real time.
 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

>>>Our Service

1. For all our products, we offer a 1 year warranty and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. We will provide technical support; our engineers will help to solve the problems you met.
4. We can provide OEM and ODM service.
5. Our factory is located in Nanjing city, welcome to visit our factory.
6. All products will be fully checked and well packed before shipment, and qualification certificate will be provided.

>>>Calibration

For the calibration of KELISAIKE products, please feel free to contact us for help.

>>>Why choose KELISAIKE?

1. Mutual benefit : We have our own factory. So compared other comprtitors, the price will be more favorable in the same quality..
2. Professional engineers: We have 3 engineers who have experience more than 10 years and more than 5 engineer assistants works on the gas detection line, with Hi-Tech equipments. We offer more accurate and stable products.
3. Customize : We have strong R&D team that can custom product as your request.
4. Free OEM service : (a) Silk-printing your Logo(≥100PCS). (b) Design your color box(≥500PCS).
5. Mix order : We accept mix order, different model and small quantity order.
6. After service:(a) 1 Year warranty. (b) If you found any inferior-quality products from us, we will send new ones to replace for free in your next order after confirmed.

>>>FAQ

Q: Are you a manufacturer?

A: Sure. We are the professional safety equipments manufacturer and have the experience of produce and market over 12 years in this field.

Q: Are you provide customization?

A: Of course. It includes gas type, gas detection range, gas alarm point etc. Please contact us about the detailed specifications.

Q: Could I order one piece sample for the quality test?

A: Sure. We recommend to check the sample before order.

Q: If I order big quantity, what's the good price?

A: Please send the details enquiry to us, such as the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. We will make the accurate quotation to you as soon as possible.



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