

Portable Nh3 Gas Detector Co O2 Gas Smart Detectors Alarm Sensor

Our Product Introduction

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Basic Information

- Minimum Order Quantity: 1
- Price: USD 100
- Stock: In stock 99 pcs
- Description: KELISAIKE K60B Compact Gas Detector – Lightweight at 120 g, with electrochemical sensor, clear LCD, and 90 dB triple ala
- Payment Terms: T/T



Product Specification

- Product Name: Gas Detector
- Alarm Type: Audible
- Method Of Detection: Diffusion Or Pump
- Trademark: KELISAIKE Safety
- Protection Grade: IP66/IP67
- Test Item: O2/CO
- Highlight: O2 Gas Smart Detectors,
Co Gas Smart Detectors,
Portable Smart Gas Detectors



More Images



Product Description

K60B PORTABLE GAS DETECTOR

Built for the most demanding industrial environments, the KELISAIKE SAFETY K60B portable gas detector delivers dependable protection where safety is critical. Whether in mining tunnels, oil rigs, or other hazardous job sites, the K60B is engineered to withstand harsh conditions. Its rugged construction features enhanced shock resistance and superior water sealing, ensuring optimal performance even in wet, dusty, or physically demanding environments. Designed to operate reliably in extreme scenarios, it provides continuous gas monitoring without compromise.

Equipped with a high-precision electrochemical sensor, the K60B offers fast and accurate detection of hazardous gases, helping to safeguard workers from potential exposure. In the event of danger, the device activates a powerful 100 dB audible alarm and a high-intensity strobe light to ensure immediate awareness—crucial for noisy or low-visibility worksites. Compact, durable, and easy to operate, the K60B is not just a tool—it's a trusted safety companion for professionals operating in high-risk industries.



Key Features:

Rugged Industrial Housing: Designed for harsh worksites, the K60B features a durable, shock-absorbing casing and IP68-rated protection, ensuring full resistance to dust ingress and long-term submersion in water. Built to handle repeated drops and daily rough handling.

Multi-Channel Alert System: Equipped with a 100 dB high-decibel buzzer, dual ultra-bright LED warning lights, and a powerful vibration motor, the K60B ensures immediate alerting—even in the noisiest, darkest, or most chaotic conditions.

High-Performance Sensor Technology: Utilizing advanced electrochemical detection elements, the device offers rapid T90 response times for real-time threat identification and faster protective action.

Flexible Alarm Settings: Users can configure high and low alarm thresholds to meet the specific safety and regulatory requirements of different industries, making it ideal for compliance-driven environments.

Quick Maintenance Design: No tools needed—battery and sensor modules can be accessed and replaced within seconds, reducing downtime and simplifying field servicing.

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.

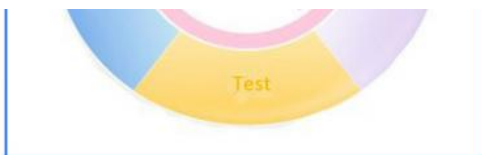


- **Applicable in harsh environments:** -4 °F to 122°F (-20°C – +50°C), 0 – 95% RH, non-condensing (anti-splash)
- **IP66 Ingress Protection:** compact and durable body design, wider application environments

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.

Common Applications

Monitoring confined-space entries and underground pipeline systems where gas accumulation poses significant risks
Ensuring safety in mining operations, petrochemical plants, and large-scale tank farms with volatile substances
Supporting emergency responders by providing rapid detection of toxic gas leaks during critical incidents
Suitable for use in hazardous classified environments including Zone 1, Zone 2, and Class I Division 1 locations, where explosive or flammable gases may be present

The K60B Series enables continuous, real-time gas detection combined with immediate alarm notification, empowering industries to protect personnel and maintain seamless operations. Wherever hazardous gases exist, this reliable device serves as a vital safeguard, ensuring safety and compliance around the clock.

Item:	portable single gas detector				
Model NO.:	K60B				
Sensors:	high sensitivity imported sensors				
Sensor service life:	2 years				
Operating voltage:	3.7V Rechargeable lithium battery(standard)/ 3V No-Rechargeable lithium battery(optional)				
Display:	LCD display				
Alarm buzzer:	90db				
Alarm mode:	acousto optic alarm				
Ambient temperature:	- 20 ° C ~ + 50 ° C				
Relative humidity:	15~90%RH(non condensation)				
Material:	ABS, slip silicone				
Detecting method:	diffusion				
Dimension(mm):	109×56×38mm				
Explosion-proof grade:	ExdII CT3				
Weight :	120g				
Package:	carton				
Pcs/ctn:	1pc/ctn				
Ctn size:	150x105x47mm				
Payment terms:	T/T				
Warranty:	1 year				
Mark: other customized gas types are also available.					
Gas Types	Detection range	Response Time	Resolution	Alarm Values	
O ₂	0-25%vol/30%vol	T90≤20s	0.1%vol	18.0%vol/23.0%vol	
LEL	0-100%LEL	T90≤30s	1%LEL	25.0%LEL/50.0%LEL	
CO	0-1000 ppm/2000ppm	T90≤30s	1 ppm	50ppm/100ppm	
H ₂ S	0-200 ppm	T90≤30s	0.1 ppm	10ppm/20ppm	
SO ₂	0-200ppm	T90≤30s	0.1 ppm	2 ppm /10 ppm	
Cl ₂	0-20 ppm	T90≤30s	0.1 ppm	1 ppm /10 ppm	
NH ₃	0-100ppm/200ppm	T90≤50s	1 ppm	25 ppm /50 ppm	
NO ₂	0-200ppm	T90≤25s	0.1 ppm	3 ppm /10 ppm	
NO	0-1000 ppm	T90≤50s	1 ppm	25 ppm /50 ppm	
O ₃	0-5ppm/20ppm	T90≤30s	0.1ppm	0.3ppm/5ppm	
PH ₃	0-10ppm	T90≤60s	0.1ppm	0.3ppm/5ppm	
H ₂	0-2000ppm/4%vol	T90≤50s	1 ppm	50ppm /100ppm	
HF	0-10ppm	T90≤50s	0.1ppm	3ppm /10ppm	
HCL	0-30ppm/200ppm	T90≤50s	0.1 ppm	5ppm /10ppm	
HCN	0-200ppm	T90≤200s	0.1ppm	10 ppm /20 ppm	
CH ₄ (IR)	0-5.00%vol	T90≤60s	0.01%vol	1.00%vol/2.00%vol	
VOCs	0-1999ppm	T90≤20s	0.1ppm	1000ppm/1500ppm	
CO ₂ (IR)	0-5.00%vol (0-1%vol)	T90≤60s	0.01%vol (0.001%vol)	1.00%vol/2.00%vol (customize)	
C ₃ H ₈ (IR)	0-5.00%vol	T90≤60s	0.01%Vol	1.00%vol/2.00%vol	
HCN	0-50ppm	T90≤200s	0.1ppm	10ppm/20ppm	



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