



KELISAIKE Safety K60B Compact Single Gas Detector LCD Screen & 90 DB Alarm

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: KELISAIKE
- Certification: CE
- Model Number: K60B
- Minimum Order Quantity: 1
- Price: USD 100
- Packaging Details: carton
- Delivery Time: 7-10 work day
- Stock: In stock 100pcs
- Description: KELISAIKE K60B Portable Single Gas Detector – 120 g, electrochemical sensor, LCD, 90 dB audio/visual/vibration alarm.



Product Specification

- Working Principle: Electrochemical/IR/Catalytic
- Alarm Type: Audible, Visual, And Vibration
- Type: Portable/Handheld
- Target Gas: Combustible And Toxic Gas
- Package: Carton
- Method Of Detection: Diffusion
- Trademark: KELISAIKE
- Body Material: ABS And PC
- Explosion Protection: Exibd I
- Test Item: O2/CO/H2S/HCL/LEL/CH4
- Sampling Mode: Pump-suction Sampling
- Sensor Life: 2~3 Years
- OEM: Yes
- Highlight: Compact Single Gas Detector, Single Gas Detector with LCD Screen,



More Images



Product Description

K60B PORTABLE GAS DETECTOR

The K60B Series packs advanced sensing technology into a lightweight, rugged body (≤ 120 g). Its premium electrochemical sensor delivers fast, precise readings on a back-lit LCD, while a triple-mode alarm—90 dB buzzer, powerful vibration, and high-intensity red strobe—ensures hazards are unmistakable even in noisy or low-visibility environments. Low-battery warning and explosion-proof construction further safeguard both personnel and equipment.



Key Features:

- World-class electrochemical sensor:** High sensitivity, excellent repeatability
- Compact & ergonomic:** Small footprint, single-button operation; easy to clip on or pocket
- Triple alarm (sound + light + vibration):** Immediate warning in any setting—even with ear protection
- Bright LCD (2 + 2-digit):** Real-time concentration display, adjustable backlight
- Rugged IP-rated housing:** Shock-resistant, splash-proof; built for harsh sites
- Long-life Li-ion battery (3.7 V):** Up to two years typical service; USB charger included
- Optional wireless modules:** Bluetooth® for app connectivity and cloud data upload
- Certified safe:** CE approvals for global compliance

K60 Portable Single Gas Detector





UK sensors (brands CITY, Alphasense, Dynamant 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.

Typical Applications

Confined-space entry & underground pipelines

Mining, petrochemical, and tank farms

Emergency response and toxic-gas leak monitoring

Any Zone 1/Zone 2 or Class I Div 1 hazardous area

With the K60B Series, continuous monitoring and instant alarms help you keep workers safe and processes uninterrupted—anytime, anywhere hazardous gases may be present

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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