

## Handheld LCD Rechargeable Industrial Laboratory Ex-Certified Nh3 Ammonia CO CO2 Single Combustible Gas Detector

Our Product Introduction

for more products please visit us on multi-gasdetection.com

### Basic Information

- Minimum Order Quantity: 1
- Price: USD 100
- Stock: In stock 100pcs
- Description: KELISAIKE K60B Portable Single Gas Detector – 120 g, electrochemical sensor, LCD, 90 dB audio/visual/vibration alarm.
- Payment Terms: T/T



### Product Specification

- Product Name: Gas Detector
- Weight: 300g
- Detecting Gas: CO, H<sub>2</sub>S, O<sub>2</sub>, CO<sub>2</sub>, H<sub>2</sub>
- Alarm Type: Visual & Vibration Sound Alarm
- Usage: Industrial Production
- Response Time: T90 < 30s
- Highlight: Handheld Rechargeable Gas Detector, Single Combustible Gas Detector, LCD Rechargeable Gas Detector



### More Images



## Product Description

### K60B PORTABLE GAS DETECTOR

K60B is designed for complex industrial settings where multiple gas threats may exist simultaneously. With dual-sensor capability and a color graphical display, it allows users to monitor two gases at once—perfect for petrochemical, firefighting, and emergency response teams.



#### Key Features:

**Simultaneous detection of two gases** (e.g.,  $O_2 + H_2S$ ,  $CO + LEL$ )

**Color LCD with multi-value display** for easy real-time interpretation

**Intelligent gas recognition** with unit auto-adjustment

**Wireless module options (Bluetooth®, LoRa)** for remote data integration

**Robust housing** with IP-rated protection for hazardous field use

### K60 Portable Single Gas Detector





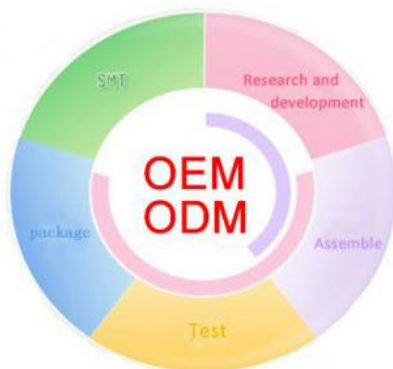
**UK sensors** (brands CITY, Alphasense, Dynament etc. ), US (brand Honeywell), Japanese and German sensors, ensuring high stability& sensitivity

**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.

#### 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)/<br>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 <sub>2</sub>                                       | 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 <sub>2</sub> S                                     | 0-200 ppm                                                                                    | T90≤30s       | 0.1 ppm                 | 10ppm/20ppm                      |
| SO <sub>2</sub>                                      | 0-200ppm                                                                                     | T90≤30s       | 0.1 ppm                 | 2 ppm /10 ppm                    |
| Cl <sub>2</sub>                                      | 0-20 ppm                                                                                     | T90≤30s       | 0.1 ppm                 | 1 ppm /10 ppm                    |
| NH <sub>3</sub>                                      | 0-100ppm/200ppm                                                                              | T90≤50s       | 1 ppm                   | 25 ppm /50 ppm                   |
| NO <sub>2</sub>                                      | 0-200ppm                                                                                     | T90≤25s       | 0.1 ppm                 | 3 ppm /10 ppm                    |
| NO                                                   | 0-1000 ppm                                                                                   | T90≤50s       | 1 ppm                   | 25 ppm /50 ppm                   |
| O <sub>3</sub>                                       | 0-5ppm/20ppm                                                                                 | T90≤30s       | 0.1ppm                  | 0.3ppm/5ppm                      |
| PH <sub>3</sub>                                      | 0-10ppm                                                                                      | T90≤60s       | 0.1ppm                  | 0.3ppm/5ppm                      |
| H <sub>2</sub>                                       | 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 <sub>4</sub> (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 <sub>2</sub> (IR)                                 | 0-5.00%vol (0-1%vol)                                                                         | T90≤60s       | 0.01%vol<br>(0.001%vol) | 1.00%vol/2.00%vol<br>(customize) |
| C <sub>3</sub> H <sub>8</sub> (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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