



## 3V/3.7V Lithium Battery Portable O2 Gas Concentration Detector with Sound-Light Alarm

### Our Product Introduction

for more products please visit us on [multi-gasdetection.com](http://multi-gasdetection.com)

#### Basic Information

- Certification: CE
- Minimum Order Quantity: 1PC
- Stock: 1PC



#### Product Specification

- Model NO.: K60
- Portable: Portable
- Gas: Customized
- Type: Electrochemical Gas Analyzer
- Item: Single Gas Detector
- Sampling: Diffusion
- Working Voltage: 3V/3.7V Lithium Battery
- Alarm Type: Acousto-Optic Alarm With Vibration
- Sensor Life: 2-5 Years
- Explosion-Proof Grade: Ex Iib IIC T3
- Weight: Approx. 120g
- Transport Package: 1 Set/ Carton
- Specification: 109x56x38mm/4.291"x2.205"x1.496"
- Trademark: KELISAIKE Or OEM
- Origin: Nanjing, China



#### More Images



Product Description

Portable O2 Gas Concentration Detector with Display and Sound-light Alarm



The **K60 series** gas detector is a full featured device that has unequaled cost of ownership . The detector is warranted for one year and maintenance free with replaceable battery.

» [Product Detail](#)

**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.

### >>>Key Features

1. Imported sensors using electrochemistry
2. Sensors: oxygen, carbon monoxide, combustibles, hydrogen sulfide or sulfur dioxide
3. Vibration alarm with red flashing light and sound
4. Waterproof and dustproof design for normal working in harsh environments
5. Interchangeable Lithium-ion battery
6. 2+2 digits LED display
7. Light in weight and small in size makes it portable
8. Can be clipped to a belt for easy handling and usage
9. Simple operation cuts training costs
10. Long service life (typical >2 years)
11. CERTIFICATIONS: CMC,Ex,MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA)

### >>>Techniacal Specification

<b>Dimension</b>	109L×56 W×38 H (mm)
<b>Weight</b>	Approx. 120g
<b>Sampling</b>	Diffusion
<b>Working Temperature</b>	- 20 °C ~ + 50 °C
<b>Relative Humidity</b>	15%~90% RH (non-condensing)
<b>Power</b>	3V lithium battery
<b>Sensor Life</b>	One year for oxygen and combustible gas sensor; two years for VOCs and toxic gases sensors
<b>Display</b>	LCD display
<b>Alarm Mode</b>	Acousto optic alarm with vibration
<b>Explosion-proof Grade</b>	Ex ib IIC T3
<b>Warranty</b>	2 year

### COMMONLY USED GAS DETECTION LIST

No	Gas Types	Measurement range	90% response time	Minimum readout	Alarm set point low/high	Detection accuracy
1	PH3	0-5-2000ppm	T90≤25s	0.1ppm	0.3 ppm/5ppm	±5%(F.S)
2	O2	0-30%vol	T90≤15s	0.1%vol	18.0%/23.0%vol	±5%
3	EX	0-100%LEL	T90≤15s	1%LEL	25.0%/50.0%LEL	±5%(F.S)
4	CO	0-2000 ppm	T90≤25s	1ppm	50ppm/100ppm	±5%(F.S)
5	H2S	0-200 ppm	T90≤30s	0.1ppm	10ppm/20ppm	±5%(F.S)
6	SO2	0-100 ppm	T90≤30s	0.1ppm	2 ppm /10 ppm	±5%(F.S)
7	Cl2	0-20 ppm	T90≤30s	0.1ppm	1 ppm /10 ppm	±5%(F.S)
8	NH3	0-200 ppm	T90≤50s	0.1ppm	25 ppm /50 ppm	±5%(F.S)
9	NO2	0-200 ppm	T90≤25s	0.1ppm	3ppm/10ppm	±5%(F.S)
10	NO	0-250 ppm	T90≤60s	0.1ppm	25 ppm /50 ppm	±5%(F.S)
11	H2	0-1000 ppm	T90≤60s	1ppm	50 ppm /100 ppm	±5%(F.S)
12	HCL	0-20 ppm	T90≤60s	0.1ppm	5 ppm /10 ppm	±5%(F.S)
13	HCN	0-50 ppm	T90≤200s	0.1ppm	10 ppm /20 ppm	±5%(F.S)
14	CH4	0-5%vol	T90≤60s	0.0001	customize	±5%(F.S)
15	VOCs	0-1999 ppm	T90≤20s	0.1ppm	customize	±5%(F.S)
16	CO2	0-5%vol	T90≤60s	0.0001	customize	±5%(F.S)
17	C3H8	0-5%vol	T90≤60s	0.1%Vol	customize	±5%(F.S)
18	O3	0-10ppm	T90≤30s	0.02ppm	1ppm/2ppm	±5%(F.S)

### >>>Certificate

## Verification of Compliance

No. EC.1282.00140417.NKSQX44



**Certificate's Holder:** Nanjing KELISAKE Safety Equipment Co., Ltd.  
No. 9 Gaohu Road, Jiangning District, Nanjing, 211100, China

**Product:** Portable Gas Detector  
**Model(s):** K60-CO, K60-O<sub>2</sub>, K60-H<sub>2</sub>S, K60-H<sub>2</sub>, K60-NH<sub>3</sub>, K60-CH<sub>4</sub>, K60-EX, K60-PH<sub>3</sub>, K60-NO<sub>2</sub>, K60-NO, K60-SO<sub>2</sub>, K60-CL<sub>2</sub>

**Verification to**  
**Standard:**  
EN 61000-3-2:2006+A1:2009+A2:2009,  
EN 61000-3-3:2013, EN 61000-6-1: 2007,  
EN 61000-6-3:2007+A1:2011+AC:2012.

**related to:**  
Directive 2004/108/EC (Electromagnetic Compatibility)

**Remark:** This Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Technical Construction File (TCF) is existent for the above listed product(s). The TCF satisfactorily covers the essential requirements of the above listed standards related to Directive 2004/108/EC (Electromagnetic Compatibility). Other relevant Directives have to be observed in case they are applicable. This Document is only valid for the equipment and configuration described and in conjunction with the TCF detailed above. Whereas the Manufacturer is responsible of the certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market. The Manufacturer is also responsible of the internal product control to ensure the product(s) are in compliance with the essential requirements of the above mentioned Directive(s). This certificate can be checked for validity at [www.entecearma.org](http://www.entecearma.org)

Date of issue APRIL 2014

Certification Chief Manager



Expiry date APRIL 2019

Certification Deputy Manager



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## 防 爆 合 格 证

### CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

证 号  
Certificate No. CB13. 2147

产品名称  
Name of Product  
抽珍式气体检测报警仪  
型号及规格  
Type of Product  
K60-□  
防爆标志  
Marking  
Ex ib II C T3 Gb  
技术文件  
Technical Documents  
0/3201 KLSK 02-2011  
图号  
Drawing No.  
K60-CO-00  
备注  
Note (s)  
1. 型号中的□代表检测气体种类: CO、O<sub>2</sub>、H<sub>2</sub>S。  
2. 产品采用单节 CR2 3V 电池供电。

经对上述产品图样及技术文件的审查和样品的检验,其符合以下标准:  
By verifying the drawings and technical documents and checking samples, the product complies with the following standards:

GB3836.1-2010 GB3836.4-2010

发给  
Issued to: 南京科力赛克安全设备有限公司

本证失效日期:  
Date of Expire: 2018-08-07

发证日期:  
Date of Issue: 2013-08-07

中心印章  
Center seal



中心主任  
Director

刘晓光

石油和化学工业电气产品防爆质量监督检验中心  
Supervision & Test Center of Ex-products of China Petroleum & Chemical Industry

注:本证仅对与检验样品一致的产品有效。  
Note: This certificate is only valid for the products that are in accord with samples tested and verified.  
中国石油和化学工业电气产品防爆质量监督检验中心  
Center Add: No.85 No.3 Road DongGuo Tunjin China Post code: 300131  
Tel/Fax: 022-26631066/26689156  
E-mail: [mtt@pccet.com.cn](mailto:mtt@pccet.com.cn)

### >>>Package



### >>>Service

1. For all our customers, our products have 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 well checked and well packed before shipment, and qualification certificate will be provided.

### >>>Why choose KELISAIKE?

1. Mutual benefit : We are a factory, our price will be cheaper in the same quality.
2. Professional engineers: We have 3 engineers who have more than 10 years' experience and over 5 engineer assistants in gas detection line, with Hi-Tech equipments, we make more accurate and stable products.
3. Customize : We have strong R&D team, can custom product as your request.
4. Free OEM service : (a) Silk-printing your Logo( $\geq 100$ PCS). (b) Design your color box( $\geq 500$ PCS).
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: Yes, we are the professional safety equipment manufacturer, we have over 12 years produce and market experience in this field.

Q: Are you provide customization?

A: Yes, including gas type, gas detecting range, gas alarm point etc. please contact us about the detailed specifications.

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

A: Yes, 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.

### >>>Company View



## » Our Exhibition



**Nanjing KELISAIKE company** is one of the largest safety equipment manufactures, possesing the most complete production range and specifications in the safety equipment industry of mainland China. Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan.

We are the leader enterprise of the science and technology, persisting in creating core competencies by the core technology. In the company, there is one professional and technical talent team who masters core technology, including more than 10 senior technicians and masters.

Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus etc. Also Nanjing KELISAIKE is an experienced factory for OEM service, providing professional design and construction of the customize products. The products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

[>>>Contact Us](#)



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