



Range VOL Portable Gas Detector offering Zero Drift within plus minus 1 percent Full Scale per year and Response Time faster than 30 Seconds designed for gas leak detection

Our Product Introduction

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

Basic Information

- Place of Origin: CHINA
- Brand Name: KELISAIKE
- Model Number: K60



Product Specification

- Origin: China
- Zero Drift: $\leq \pm 1\%$ (F.S./year)
- Ambient Environment: -20C To 50 ,5-90%RH(No Condensing)
- Response Time: < 30 Seconds
- Sampling Type: Diffusion
- Applicable Gas: Oxygen, Toxic Gas combustible Gas
- Range: 0-100/200/1000/5000ppm, LEL,VOL
- Signal: 4-20mA, RS485, Relay, HART
- Highlight: portable gas detector with zero drift, fast response gas leak detector, VOL portable gas detector



More Images



Product Description:

The Portable Gas Detector is a highly reliable and versatile device designed for accurate and real-time monitoring of various gases in industrial and commercial environments. This advanced gas detection monitor is engineered to ensure safety by detecting potentially hazardous gases such as oxygen, toxic gases, and combustible gases. It is an essential tool for industries where gas leaks or hazardous gas concentrations pose significant risks to personnel and equipment.

One of the standout features of this gas detection monitor is its impressive detection range, which caters to a wide spectrum of gases. The device supports measurement ranges of 0-100 ppm, 0-200 ppm, 0-1000 ppm, and 0-5000 ppm, as well as LEL (Lower Explosive Limit) and VOL (voltage output), making it adaptable to different safety requirements and industrial standards. This flexibility ensures that the Portable Gas Detector can be effectively utilized in various scenarios, from confined spaces to open industrial sites.

Maintaining accuracy and reliability over time is critical for any gas detection device. The Portable Gas Detector boasts an excellent zero drift specification of $\leq \pm 1\%$ (F.S/year), which guarantees stable and consistent readings throughout its operational lifespan. This minimal zero drift minimizes the need for frequent recalibration, reducing maintenance costs and downtime.

Communication and data transmission capabilities are vital for integrating gas detectors into modern safety systems. This product offers multiple signal output options including 4-20mA, RS485, relay, and HART protocols. These versatile communication interfaces allow seamless integration with centralized monitoring systems, alarm units, and control panels, enabling real-time data access and automated response actions for enhanced workplace safety.

The Portable Gas Detector is designed for multi-gas detection, making it an ideal 4 In 1 Gas Detector for diverse applications. It efficiently detects oxygen levels, toxic gases such as hydrogen sulfide (H2S), and various combustible gases. The inclusion of an H2S gas detector function is particularly valuable in industries such as oil and gas, wastewater treatment, and chemical manufacturing, where hydrogen sulfide poses a serious health hazard. By providing accurate detection of multiple gases in a single compact device, it simplifies safety monitoring and reduces the need for multiple instruments.

Manufactured in China, the Portable Gas Detector combines advanced technology with stringent quality control standards to deliver a dependable and cost-effective gas detection solution. Its rugged design ensures durability and reliable performance even in harsh industrial environments. The device is lightweight and portable, facilitating easy transportation and quick deployment at different monitoring sites.

In summary, this Portable Gas Detector is an indispensable safety tool for industries requiring continuous gas monitoring. Its extensive detection range, minimal zero drift, versatile signal outputs, and ability to detect oxygen, toxic, and combustible gases make it a comprehensive gas detection monitor. Whether used as a standalone unit or integrated into a larger safety system, this 4 In 1 Gas Detector provides critical early warning to prevent accidents and protect lives. Its specialized H2S gas detector capability further enhances its suitability for hazardous environments, making it a top choice for safety-conscious operations worldwide.

Features:

- Product Name: Portable Gas Detector
- Type: 4 In 1 Gas Detector
- Gas Detector Sensor for Oxygen, Toxic Gas, and Combustible Gas
- Applicable Gas: Oxygen, Toxic Gas, CH4 Gas Detector included
- Zero Drift: $\leq \pm 1\%$ (F.S/year) for accurate and stable readings
- Sampling Type: Diffusion for efficient gas detection
- Signal Outputs: 4-20mA, RS485, Relay, HART for versatile connectivity
- Origin: China

Technical Parameters:

Applicable Gas	Oxygen, Toxic Gas, Combustible Gas
Sampling Type	Diffusion
Zero Drift	$\leq \pm 1\%$ (F.S/year)
Range	0-100/200/1000/5000ppm, LEL, VOL
Signal	4-20mA, RS485, Relay, HART
Response Time	< 30 Seconds
Origin	China
Ambient Environment	-20°C To 50°C, 5-90%RH (No Condensing)

Applications:

The KELISAIKE K60 Portable Gas Detector is an advanced and reliable solution designed for a wide range of application occasions and scenarios where gas detection is critical. Originating from China, this state-of-the-art device operates efficiently within an ambient environment of -20°C to 50°C and 5-90% relative humidity (non-condensing), making it suitable for diverse industrial and commercial settings.

As a versatile Combustible Gas Detector, the KELISAIKE K60 is ideal for monitoring environments that may contain flammable gases, ensuring early detection and prevention of potential hazards. It is extensively used in oil and gas industries, chemical plants, manufacturing facilities, and mining operations, where combustible gas leaks can pose significant safety risks. The device's rapid response time of under 30 seconds allows for immediate alerts and swift action to mitigate dangers.

In addition to combustible gases, the K60 model effectively detects oxygen levels and toxic gases, including carbon monoxide (CO),

making it a reliable CO Gas Detector. This capability is vital for confined space monitoring, underground tunnels, wastewater treatment plants, and other locations where oxygen deficiency or toxic gas accumulation can threaten worker safety. The K60 ensures continuous air quality monitoring to maintain a safe working environment.

The KELISAIKE K60 also functions seamlessly with Gas Detection Controllers through its multiple signal outputs, including 4-20mA, RS485, Relay, and HART protocols. This feature enables integration into broader safety and monitoring systems, allowing centralized control and real-time data analysis. Such integration is essential in large-scale industrial complexes where coordinated gas detection and alarm systems enhance operational safety.

Thanks to its portability and robust construction, the K60 is perfect for on-site inspections, emergency response teams, and maintenance personnel who require a dependable handheld device to detect hazardous gases quickly. Whether used for routine safety checks, emergency leak detection, or environmental monitoring, the KELISAIKE K60 Portable Gas Detector offers unmatched reliability and accuracy.

In summary, the KELISAIKE K60 Portable Gas Detector is an indispensable tool for any scenario requiring precise monitoring of combustible gases, toxic gases, and oxygen levels. Its advanced features, fast response time, and compatibility with various gas detection controllers make it a trusted choice for industries prioritizing safety and environmental compliance.

Customization:

The KELISAIKE Portable Gas Detector Model K60 is a versatile and reliable device designed for detecting multiple gases including Oxygen, Toxic Gas, and combustible gases such as CH₄. Originating from CHINA, this 4 In 1 Gas Detector offers a wide detection range of 0-100/200/1000/5000ppm, LEL, and VOL, making it suitable for various industrial and environmental applications.

Our Portable Gas Detector is built to operate efficiently in an ambient environment ranging from -20°C to 50°C with 5-90% relative humidity (non-condensing). It features advanced Gas Sensors that provide accurate and fast detection with a response time of less than 30 seconds, ensuring safety and timely alerts.

The K60 model supports multiple signal outputs including 4-20mA, RS485, Relay, and HART, allowing seamless integration with existing monitoring systems. Whether you require a CH₄ Gas Detector or a comprehensive multi-gas detection solution, the KELISAIKE K60 can be customized to meet your specific needs.

Choose KELISAIKE for high-quality Portable Gas Detectors that combine cutting-edge technology with robust design, delivering dependable performance across a wide range of industrial environments.

Support and Services:

Our Portable Gas Detector is backed by comprehensive technical support and service to ensure optimal performance and reliability. We provide detailed user manuals, troubleshooting guides, and regular software updates to keep your device functioning at its best. Our team of experts is available to assist with calibration, maintenance, and repair services to extend the life of your gas detector. Additionally, we offer training sessions to help users understand proper operation and safety protocols. For any technical inquiries or service requests, please refer to the support section of our website.

Packing and Shipping:

Our Portable Gas Detector is carefully packaged to ensure maximum protection during transit. Each unit is securely placed in a custom-molded foam insert within a sturdy, corrugated cardboard box to prevent damage from shocks and vibrations.

The packaging includes all necessary accessories, a user manual, and a calibration certificate, neatly organized to provide a complete and ready-to-use product upon delivery.

For shipping, we use reliable carriers with tracking capabilities to guarantee timely and safe delivery. The packaging is labeled with handling instructions and product information to facilitate smooth customs clearance and careful handling throughout the shipping process.

We also offer bulk packaging options for large orders, using pallets and shrink wrap to ensure stability and protection during freight transport.

FAQ:

Q1: What gases can the KELISAIKE K60 Portable Gas Detector detect?

A1: The KELISAIKE K60 Portable Gas Detector can detect a variety of gases including combustible gases, toxic gases like carbon monoxide (CO), hydrogen sulfide (H₂S), and oxygen levels.

Q2: Where is the KELISAIKE K60 Portable Gas Detector manufactured?

A2: The KELISAIKE K60 Portable Gas Detector is manufactured in China.

Q3: How long does the battery last on a single charge for the KELISAIKE K60?

A3: The KELISAIKE K60 Portable Gas Detector typically offers up to 12 hours of continuous operation on a full charge, depending on usage conditions.

Q4: Is the KELISAIKE K60 Portable Gas Detector easy to carry during work?

A4: Yes, the KELISAIKE K60 is designed to be lightweight and portable, making it convenient to carry on-site for continuous gas monitoring.

Q5: Does the KELISAIKE K60 Portable Gas Detector provide real-time gas concentration readings?

A5: Yes, the KELISAIKE K60 provides real-time digital readings of gas concentrations, along with audible and visual alarms for safety.



Nanjing Kelisaike Safety Equipment Co., Ltd.



+86 25 8719 3262



manager@njklsc.cn



multi-gasdetection.com

Bldg 12, 2 Qingshuiting West Road, Nanjing, Jiangsu, China, 211102