



Response Time Less Than 30 Seconds Portable Gas Detector with Range VOL Ambient Environment 5-90 Percent RH No Condensing

Our Product Introduction

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Basic Information

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



Product Specification

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



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Product Description:

The Portable Gas Detector is an advanced Electronic Gas Leak Detector designed to provide rapid and reliable detection of various gases to ensure safety in diverse environments. Engineered with cutting-edge technology, this device offers exceptional sensitivity and accuracy, making it an indispensable tool for industries and professionals working with potentially hazardous gases. Whether you need to monitor oxygen levels, toxic gases, or combustible gases, this versatile detector has you covered with its broad range of applications. One of the standout features of this Portable Gas Detector is its impressive response time of less than 30 seconds. This swift detection capability allows users to promptly identify the presence of dangerous gases, enabling immediate action to prevent accidents or health hazards. The quick response is particularly critical in environments where gas leaks can escalate rapidly, emphasizing the device's role in safeguarding lives and property.

The detector is specifically designed to monitor multiple gases, including oxygen, toxic gases such as hydrogen sulfide (H2S), and combustible gases. This multi-gas detection ability makes it a comprehensive solution for various industrial applications, from chemical plants and oil refineries to confined space monitoring and environmental safety inspections. Notably, the inclusion of H2S Gas Detector functionality ensures that users can reliably detect this highly toxic and flammable gas, which is a common concern in many industrial settings.

Accuracy and stability are paramount when it comes to gas detection, and this Portable Gas Detector excels in these areas. It features a minimal zero drift of $\leq \pm 1\%$ (F.S/year), ensuring consistent and reliable readings over time without frequent recalibration. This low drift rate enhances the device's dependability, making it suitable for long-term use in safety-critical operations.

The origin of this Portable Gas Detector is China, a country known for producing high-quality electronic instruments with advanced manufacturing standards. This origin reflects the product's blend of innovation, cost-effectiveness, and robust build quality, making it accessible to a wide range of users without compromising performance.

Sampling is conducted through a diffusion method, which allows gases to naturally diffuse into the sensor chamber without the need for pumps or complex sampling systems. This sampling type simplifies the detector's design, reduces maintenance requirements, and enhances its portability. Users can easily carry and operate the device in various locations, from tight spaces to outdoor environments, without worrying about additional equipment.

In summary, the Portable Gas Detector is a highly efficient and user-friendly Electronic Gas Leak Detector that combines rapid response, multi-gas detection capabilities, and long-term accuracy. Its ability to detect oxygen, toxic gases including H2S, and combustible gases makes it an essential safety device across many sectors. The device's low zero drift ensures stable performance, while its diffusion sampling method enhances ease of use and portability. Manufactured in China, this gas detector offers a reliable and cost-effective solution for professionals seeking to maintain safe working conditions and prevent gas-related incidents. Whether you are conducting routine safety checks or responding to emergency situations, this Portable Gas Detector stands as a dependable partner in gas detection technology.

Features:

- Product Name: Portable Gas Detector
- Sampling Type: Diffusion
- Applicable Gas: Oxygen, Toxic Gas, Combustible Gas
- Signal Output: 4-20mA, RS485, Relay, HART
- Measurement Range: 0-100/200/1000/5000 ppm, LEL, VOL
- Origin: China
- Equipped with advanced Gas Detector Sensor for accurate detection
- Designed as Industrial Gas Detectors suitable for various industrial environments
- Utilizes high-quality Gas Sensors to ensure reliable and precise gas monitoring
- Portable and easy to carry for on-site gas detection and safety monitoring

Technical Parameters:

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

Applications:

The KELISAIKE K60 Portable Gas Detector is an advanced Electronic Gas Leak Detector designed to provide reliable and accurate detection of various gases in diverse environments. Manufactured in China, this Industrial Gas Leak Detector is engineered with a zero drift of $\leq \pm 1\%$ (F.S/year), ensuring long-term stability and precision. Its versatility allows it to detect oxygen, toxic gases, and combustible gases, making it an essential safety device for numerous application occasions and scenarios.

In industrial settings, the KELISAIKE K60 is indispensable for monitoring gas levels in chemical plants, oil refineries, and manufacturing facilities. Its ability to detect a wide range of gases within a range of 0-100/200/1000/5000ppm, LEL, and VOL makes it a critical tool for maintaining workplace safety and preventing hazardous leaks. The detector's robust signal outputs, including 4-20mA, RS485, Relay, and HART, facilitate seamless integration with existing control systems, enhancing real-time monitoring and rapid response capabilities. For environmental monitoring and emergency response teams, this Electronic Gas Leak Detector offers portability and ease of use, allowing personnel to quickly identify and locate gas leaks in confined spaces, pipelines, and remote areas. Its compact design and reliable performance make it ideal for on-site inspections, maintenance checks, and safety audits, helping to mitigate risks associated with toxic and combustible gases.

Additionally, the KELISAIKE K60 Portable Gas Detector is well-suited for use in residential and commercial buildings where gas safety is paramount. It can detect leaks from natural gas or other combustible gases, thereby preventing potential fire hazards or health risks. The device's high sensitivity and accuracy ensure timely alerts, enabling users to take immediate action.

Overall, the KELISAIKE K60 stands out as a versatile and dependable Industrial Gas Leak Detector that meets the demands of various industries and safety scenarios. Its origin from China reflects a commitment to quality and innovation in gas detection technology, making it a trusted choice for professionals seeking an effective Electronic Gas Leak Detector for portable use.

Customization:

Our Portable Gas Detector, model K60 from the trusted brand KELISAIKE, offers comprehensive product customization services to meet your specific needs. Designed and manufactured in China, this Fixed Gas Detector is built to operate reliably in ambient environments ranging from -20°C to 50°C with 5-90% relative humidity (non-condensing).

The K60 model supports a wide detection range including 0-100/200/1000/5000ppm, LEL, and VOL, making it versatile for various applications. It is capable of detecting Oxygen, Toxic Gas, and Combustible Gas, ensuring safety in diverse industrial environments. Customers can customize the device to function as an H2S Gas Detector or a Combined Gas Detector, tailored to their specific gas monitoring requirements.

With a zero drift of $\leq \pm 1\%$ (F.S/year), the KELISAIKE Portable Gas Detector ensures accurate and stable measurements over time.

Whether you require a device for fixed installations or portable use, our customization services provide flexible solutions to enhance safety and compliance in your operations.

Support and Services:

Our Portable Gas Detector is designed to provide reliable and accurate detection of hazardous gases in various environments. For optimal performance, ensure the device is regularly calibrated and maintained according to the user manual.

If you encounter any issues with your Portable Gas Detector, please refer to the troubleshooting section of the manual for common problems and solutions. Regularly check the sensors and battery status to avoid unexpected shutdowns during use.

We offer comprehensive technical support and maintenance services to help you keep your gas detector in excellent working condition.

Our support team is available to assist with device setup, calibration, firmware updates, and repair services.

For extended service plans and calibration schedules, please consult our service agreements to ensure your Portable Gas Detector continues to meet safety standards and operational requirements.

Ensure to use only manufacturer-approved accessories and replacement parts to maintain the integrity and safety of your device.

Packing and Shipping:

Product Packaging: The Portable Gas Detector is securely packaged in a compact, durable box designed to protect the device during transit. Inside the box, the detector is cushioned with foam inserts to prevent any damage from shocks or vibrations. The packaging includes the Portable Gas Detector unit, a user manual, a rechargeable battery, a charging cable, and a calibration certificate. All components are neatly organized to ensure easy access and unboxing.

Shipping: The Portable Gas Detector is shipped using reliable courier services with tracking options to ensure timely and safe delivery. Each package is labeled clearly with handling instructions and destination details. For international shipments, all necessary customs documentation is prepared to avoid delays. We offer various shipping options including standard, expedited, and express delivery to meet customer needs.

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, and oxygen levels, depending on the sensor configuration.

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 typically offers up to 12 hours of continuous operation on a full charge, depending on usage and sensor type.

Q4: Is the KELISAIKE K60 Portable Gas Detector easy to carry in the field?

A4: Yes, the KELISAIKE K60 is designed to be compact and lightweight, making it highly portable and convenient for field use.

Q5: Does the KELISAIKE K60 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.



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