



Schützen KwikAlert

U300m

Phosphine Gas Detector



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Single Gas Detector

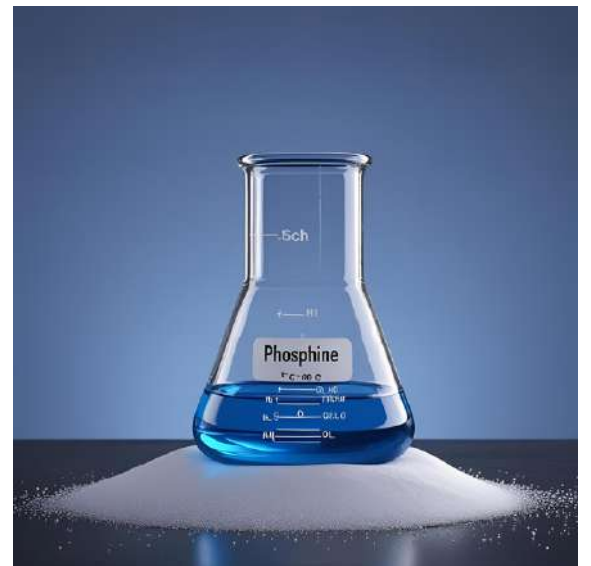
The Phosphine Single Gas Detector U300m is a cutting-edge device engineered to provide unparalleled safety in environments where gas exposure poses significant risks.

Phosphine (PH_3) is a highly toxic, flammable, and dangerous gas used primarily as a fumigant in agriculture and pest control. It may spontaneously ignite in the air or even explode when mixed with oxygen. Poses severe risks to human health and safety.

Phosphine (PH_3) gas detector plays a crucial part in helping detect the concentration of phosphine in the air and provide personal protection in hazardous gas environments, particularly during sterilization processes. The detector continuously monitor the air, providing real-time measurements of phosphine concentrations and alerting users when levels exceed safe threshold.

When exposed to Phosphine gas, you may experience nausea, vomiting, abdominal pain, respiratory illness, cardiac failure, and even death. Avoiding phosphine gas exposure is essential to protect your family and coworkers.

Phosphine (PH_3) is widely used in modern industries such as electronics manufacturing, fumigation, and textile production. Due to its high toxicity, strict safety precautions are essential when handling this gas. PH_3 gas detectors are critical for ensuring personal safety in environments where hazardous gases may be present, especially during sterilization procedures. These detectors provide continuous, real-time monitoring of phosphine levels in the air and issue alerts when concentrations surpass safe limits.



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Single Gas Detector



Applications

- Agriculture and Grain Storage
- Chemical Manufacturing
- Semiconductor Manufacturing
- Petrochemical Refineries
- Environmental Monitoring
- Transportation and Storage

Key Attributes

- Design for ease of wear and use in confined spaces
- Long lasting battery to ensure uninterrupted operations
- Swappable pre-calibrated sensor
- Impact-proof design for rugged industrial environments
- High-precision sensors for detecting a wide range of gases

Monitor Specification	
Physical Characteristics	
Sensor Range	0-20ppm
Resolution	0.01ppm
Size	61 x 87 x 36 mm / 2.4 x 3.4 1.4 inch
Weight	110 gram
Display	LCD Glass display with Backlight
Alarms	Over Range Alarm, Low Battery Alarm, STEL and TWA alarms
Communication	IrDA (Infrared Data Association)
Sensor Type	Electrochemical
Alarm Type	Visual Alarm - flashing bright red LEDs, Audible Alarm - 90dB @ 30cm, Vibration Alarm
Sampling	Diffusion Sampling
Calibration	2-Point Calibration, Zero and Span
Battery	2 years of battery life
Temperature	-20°C to 60°C
Humidity	15% to 95% RH (Non-Condensing)
Logging	Last 50 event logs, Last 10 calibration log
Degree of Protection	IP67
Certifications	IECEX/ATEX - Ex ia IIC T4 Ga CE



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