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ژاپن

Ozone Leak Detector PHNX-۱۰۰

Reliable ozone measurement, easy to use! The Ozone Leak Detector PHNX-۱۰۰ is a high-quality ozone gas detector that is specially designed for real-time measurement of ozone concentrations in the air. Whether you work with ozone generators for disinfection, in a laboratory environment, or are responsible for air quality in technical installations, this detector offers the certainty you need. Ozone is powerful, but potentially harmful if exposed to too much. The PHNX-۱۰۰ ensures that you always have insight into the current situation. The detector is equipped with an accurate electrochemical sensor. If set values are exceeded, an alarm is automatically activated, possibly linked to external systems via a relay output. Installation is simple and operation is intuitive. The sensor is replaceable without recalibration, which saves time and costs in maintenance. The compact housing makes the detector suitable for a wide range of spaces, from technical installations to industrial workplaces. In short: the Ozone Leakage Detector PHNX-۱۰۰ combines reliability, safety and ease of use and safety in one smart solution. Ideal for those who work with ozone and want to leave nothing to chance.



Ozone Leak Detector PHNX-100

Ozone Leak Detector PHNX-100

- Reliable real-time ozone concentration measurement ✓
- Alarm function when threshold values are exceeded ✓
- Easy installation and operation ✓
- Sensor replaceable without recalibration ✓
- Optional CT-value monitoring ✓

Safety at a glance. Measure ozone with precision

Working with ozone offers great benefits — but also comes with risks. Ozone is a powerful oxidizer that, in high concentrations, can be harmful to human health and sensitive equipment. The PHNX-100 Ozone Leak Detector is specifically designed for reliable and continuous monitoring of ozone concentrations across a wide range of applications. This ensures your processes remain safe and your people stay protected

What does the Ozone Leak Detector deliver

The key benefit is safety. This detector provides real-time insight into the presence of ozone in the air and immediately triggers an alarm when threshold values are exceeded.

As a result, you avoid not only health hazards, but also unnecessary process interruptions or liability in case of an incident

In addition, the device is built for ease of use. It's quick to install, requires minimal maintenance, and the sensor can be replaced without the need for recalibration. This gives you maximum control with minimal effort

Who is this detector essential for

The PHNX-100 is ideal for any environment where ozone is generated or used. This includes companies using ozone for air or water purification, installers of HVAC or disinfection systems, laboratories, or industrial facilities with strict air quality requirements. It's also increasingly used in utility buildings and facility management as an extra layer of protection

Optional feature: CT-value monitoring

For users who need deeper insight into total ozone exposure, an optional module is available to track the CT value (concentration × time). This provides added assurance, especially for validating disinfection processes or ensuring compliance in sensitive environments.

The PHNX-100 Ozone Leak Detector for dependable ozone monitoring

Details	Specification
(ppm or 0-10 ppm (depending on model 1-2	Measuring Range
Electrochemical	Sensor Type
Diffusion	Detection Type
LCD screen	Display
Visual and acoustic alarm; relay output	Alarm Function
relay (NO/NC), max 2A @ 250V AC x1	Relay Output
DC 4-20 mA or DC 0-10V	Output Signal
AC100V±10% 50/60Hz or DC24V±4V	Power Supply
Please specify when ordering	
10W	Power Consumption
(0°C to 40°C (32°F to 104°F)	Operating Temperature
(RH (non-condensing 95%-100%	Operating Humidity
mm 76 × 113 × 154	Dimensions (L × W × H
Approx. 1 kg	Weight
Wall-mounted	Mounting Method
Replaceable without recalibration	Sensor Replacement
CT-value (Concentration × Time) monitoring	Optional Feature