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# ozone gas sensor: uv absorption real-time monitor acniti

The Acniti ozone gas sensor uses UV absorption technology to deliver accurate, real-time O3 concentration measurements from 0-60 g/Nm3. Built for industrial safety, water treatment, aquaculture, and greenhouse monitoring where reliable ozone detection keeps people and processes safe.

# ozone gas sensor: uv absorption real-time monitor acniti

**uv absorption ozone gas sensor for industrial applications**

- High-Precision Ozone Detection
- Wide Measurement Range
- Real-Time Monitoring with Instant Readings
- Fast response time
- Compact and Portable Design
- Long Sensor Lifespan
- Versatile use

The Acniti Ozone Monitor is a state-of-the-art instrument designed for accurate, real-time measurements of ozone concentration in a variety of industries. Whether you're working in an industrial setting, greenhouse, laboratory, or water treatment facility, ozone plays a vital role in many processes, but it can be harmful even at low concentrations. Our Ozone Gas Sensors provide fast, accurate, and stable measurements to keep your environment safe and your systems under control.

## key features

### high precision ozone detection

Our monitor uses advanced sensor technology to measure ozone concentrations with exceptional accuracy in real time. It detects even the smallest fluctuations in ozone levels, ensuring optimal performance in critical environments.

### wide measurement range

The Acniti Ozone Monitor has an impressive measurement range of 0-60 mg/L, making it suitable for a variety of applications. Whether you are monitoring ambient air quality or assessing high ozone concentrations in industrial environments, our device delivers reliable measurements across the spectrum.

### real-time monitoring with instant measurements

Get instantaneous data on ozone concentrations to make quick and informed decisions. This feature is critical in industrial environments where fast response times are essential for worker. safety.


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## compact and portable design

The lightweight and portable design of our monitor allows for easy deployment in both stationary and mobile applications. Take accurate measurements wherever you need them without sacrificing performance.

## user-friendly interface

The Acniti Ozone Monitor features an intuitive, easy-to-read display that requires minimal training to operate. This simplicity ensures that experienced professionals and newcomers alike can use the device effectively.

## durable construction

Built to withstand challenging environments, our monitor maintains high performance even when exposed to moisture, dust or extreme temperatures.

## applications

The Acniti Ozone Monitor excels in a variety of industries and applications:

- **Environmental monitoring:** Assess air quality and ozone pollution levels with precision
- **Industrial Safety:** Ensure worker safety and regulatory compliance in manufacturing, water treatment and chemical production facilities
- **Healthcare & Laboratories:** Monitor ozone levels in sterilization processes to maintain a safe environment for staff and patients
- **Agriculture:** Monitor ozone levels in greenhouses and warehouses for pest control and product preservation

## benefits of the acniti ozone monitor

- **Accuracy and reliability:** Advanced sensors deliver reliable ozone concentration measurements in a variety of environments
- **Portability:** Conduct on-the-go assessments with our compact, lightweight design
- **Real-time data:** Receive instant ozone concentration readings for fast decision-making
- **User-friendly operation:** Intuitive interface requires minimal training, accessible to users of all experience levels
- **Versatility:** Suitable for a wide range of industries and applications


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## conclusion

The Acniti Ozone Monitor stands out as a powerful, reliable and easy-to-use tool for accurate ozone measurement in a variety of environments. Its advanced sensor technology, portable design and real-time data capabilities make it an indispensable tool for professionals requiring accurate ozone concentration monitoring. Choose the Acniti Ozone Monitor for unmatched performance in environmental monitoring, industrial safety, healthcare, agriculture and more.


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# eg-550: uv absorption ozone gas sensor 100-220v | acniti

| | General | | |
|---|---|---|---|
| 1 | Model name | UV Absorption Ozone Gas Sensor for Industrial Applications | |
| 2 | Model number | sensor_o3_gas_concentration | |
| | **Liquid** | **Metric** | **Imperial** |
| 3 | Strainer availability and size | | |
| | **Gas** | **Metric** | **Imperial** |
| 4 | Minimum flow / minute | 0.1 Liter | 0.0 Gallon |
| 5 | Maximum flow / minute | 3.0 Liter | 0.8 Gallon |
| 6 | Minimum flow / hour | 3.0 Liter | 0.8 Gallon |
| 7 | Maximum flow / hour | 180 Liter | 48 Gallon |
| 8 | Gas quality | | |
| 9 | Gas remark | | |
| | **Electrical** | **Metric** | **Imperial** |
| 10 | Unit phase Ø voltage | | |
| 11 | Unit power consumption | | |
| 12 | Wetted parts | | |
| 13 | Pump model | | |
| 14 | Pump phase Ø voltage | AC 100V~220 V | |
| 15 | Pump phase Ø voltage 60Hz | | |
| 16 | Pump pressure setting | | |
| 17 | Control | | |
| | **Connections** | | |


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| | Connections | | |
|---|---|---|---|
| 18 | Water inlet | | |
| 19 | Water outlet | | |
| 20 | Gas inlet | | |
| | **Dimensions & weight** | **Metric** | **Imperial** |
| 21 | Dim. (w) x (d) x (h) | 220 x 105 x 150 mm | 8.7 x 4.1 x 5.9 inch |
| 22 | weight | 2.2 Kg | 4.9 lbs. |
| 23 | HS code | 9027.9090 | |


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# eg-610: uv absorption ozone gas sensor 100-240v | acniti

| | General | | |
|---|---|---|---|
| 1 | Model name | UV Absorption Ozone Gas Sensor for Industrial Applications | |
| 2 | Model number | sensor_o3_gas_concentration_EG-610 | |
| | **Liquid** | **Metric** | **Imperial** |
| 3 | Strainer availability and size | | |
| | **Gas** | **Metric** | **Imperial** |
| 4 | Minimum flow / minute | 0.5 Liter | 0.1 Gallon |
| 5 | Maximum flow / minute | 20 Liter | 5.3 Gallon |
| 6 | Minimum flow / hour | 30 Liter | 7.9 Gallon |
| 7 | Maximum flow / hour | 1,200.0 Liter | 317 Gallon |
| 8 | Gas quality | | |
| 9 | Gas remark | | |
| | **Electrical** | **Metric** | **Imperial** |
| 10 | Unit phase Ø voltage | AC100V~240V | |
| 11 | Unit power consumption | 25VA MAX | |
| 12 | Wetted parts | | |
| 13 | Pump model | | |
| 14 | Pump phase Ø voltage | | |
| 15 | Pump phase Ø voltage 60Hz | | |
| 16 | Pump pressure setting | | |
| 17 | Control | | |
| | **Connections** | | |


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| | Connections | | |
|---|---|---|---|
| 18 | Water inlet | | |
| 19 | Water outlet | | |
| 20 | Gas inlet | | |
| | **Dimensions & weight** | **Metric** | **Imperial** |
| 21 | weight | 1.6 Kg | 3.5 lbs. |
| 22 | HS code | 9027.9090 | |


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