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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.

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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.

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

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.

eg-550: uv absorption ozone gas sensor 100-220v I 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

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	

eg-610: uv absorption ozone gas sensor 100-240v I 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

- | | | | |
|----|--------------|--|--|
| 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 | |