

Ozone Sensor with Relay for Outdoor Installations

Sensor with NEMA-2 Enclosure

Ozone Sensor for outdoor applications. Ozone Sensor with relays & low/high alarm points. Perfect for harsh or windy environments.



Features

- Enclosure is IP20 or NEMA 1 Equivalent
- relay outputs & 0-5V output signal
- Clear cover for visual inspection of ozone level
- SS screens on inlet & outlet to reduce sensor fouling
- ready to use upon arrival

Product ID: **S-320**
 Lead Time: **3 weeks**
 Price: **\$1,396.00**

S-320 Models

The S-320 can be purchased as one of three different models, each with a different sensor head. Choose the model with the range and resolution to fit your application.

* Model	Range	Resolution	Price	*
S-320UL	5-150 PPB	1 PPB	Online Pricing	Buy Online!
S-320L	8-500 PPB	1 PPB	Online Pricing	Buy Online!
S-320G	0.20-10.00 PPM	0.01 PPM	Online Pricing	Buy Online!

220V Power Option

220V/50Hz Power Option necessary for overseas use.

Item	Price	*
220V/50Hz Power Option	Online Pricing	Buy Online!


Specifications

Range	
OZU-2 head	0.005 to 0.150 ppm
OZL-2 head	0.008 to 0.500 ppm
OZG-2 head	0.01 to 10 ppm
Accuracy	
OZU head	+/- 0.010 ppm
OZL and OZG heads	+/- 10%
Response time	
OZU-2 head	70 seconds
OZL-2 and OZG-2 heads	60 seconds
Sensor type	
GSS	
Alarms	
2 alarms (Low Alarm & High Alarm) and Control	
Outputs	
0-5V, 150mA, Relays	
Temperature range	
-31 to +248 F (-35 to +120 C)	
Battery	
9.6V Ni-MH (5 hours operation)	
Power requirements	
12 VDC, 800 mA	
Size	
283 x 180 x 90 (mm), 11.1 x 7.1 x 3.5(in) (LxWxH)	
Weight	
460 g, 16 oz	

Renewed ability to monitor ozone levels before shipment

Supporting documents: User manual and NIST Traceable Calibration Sheet included
 Yes! Same day shipping available
 Ozone Solutions, Inc. | www.OzoneSolutions.com | sales@ozonesolutions.com

Calibration Certificate - Low Head

 Aeroqual Limited, Level 20, ASB Bank Building, 135 Albert Street, Auckland, New Zealand. Phone +64 9 355-3370 Fax +64 9 358-7340 www.aeroqual.com				
Calibration Certificate No. 614				
DATE: 18-Jun-04		QC Approval: 		
MODEL: OZL		Serial No: OZLC190504-586		
OZONE CONCENTRATION / ppm				
Calibration Standard	0.000	0.100	0.300	0.500
AQL Sensor mean	0.002	0.090	0.305	0.472
CALIBRATION STANDARD The Aeroqual ozone monitors are calibrated in a controlled environment, against a dual cell UV photometric analyser utilising an external zero air source. The instrument has a linearity of 1 ppb and a precision of 2 ppb. This calibration unit is maintained and certified by New Zealand's National Institute of Water and Atmospheric Research (www.niwa.cri.nz). Traceability is maintained with other international standard organisations and governmental bodies.				
WARNING Aeroqual monitors are very sensitive instruments and need to be treated with due care. The calibration of Aeroqual sensors will be affected by excessive exposure to ozone. In addition, contamination of filters and sensitive parts of the instrument will adversely affect readings - thus keep the instrument as clean as possible and free from avoidable contaminants. Use strictly in accordance with the product user guide.				

Every Aeroqual monitor comes with its own unique calibration certificate!

Removing/Replacing S-320 Sensor Head

Removing and Replacing the Sensor Head



- Undo the four lid screws, remove lid and view the interior of the enclosure as shown above.
- Unscrew and remove the inlet & outlet nozzles "A" & "B" as well as the threaded lock nuts "C" & "D".
- Remove the sensor head "E" by moving it in the direction of the broad arrow above.
- Replace the sensor head "E".
- Re-insert nozzle "A" using lock-nut "C" & re-insert nozzle "B" using lock-nut D, ensuring a tight fit against the sensor head "E".
- Replace lid and tighten four lid screws.

Exchanging S-320 sensor head is simple with the adjustment of a few plastic nuts.

S-320 Video

To see how the S-320 works watch this video.