

# Ozone Monitor with Integrated Data Logging

Ozone Monitor with real-time datalogging.

Ozone Monitor with integrated data logging records ozone levels for later viewing on a PC. 0.005-20.00 PPM range 0.001 PPM resolution possible between a choice of 3 different ozone heads. Battery, AC Adapter, RS-232 cable, Windows XP compatible software included & Calibration Certificate included.



## Features

- Integrated Datalogging
- External control signals
- Remote sensor capability
- Portable and/or wall mountable
- High/low audible alarm

Product ID: **S-500UL Rental**  
Stock: **Yes**

## Additional Sensor Heads

Increase the versatility of your S-500 monitor by renting additional sensor heads.

Head	Term	Range	Resolution	Price	*
OZU	7 days	5-150 PPB	1 PPB	Online Pricing	Buy Online!
OZU	30 days	5-150 PPB	1 PPB	Online Pricing	Buy Online!
OZL	7 days	8-500 PPB	1 PPB	Online Pricing	Buy Online!
OZL	30 days	8-500 PPB	1 PPB	Online Pricing	Buy Online!

## Returning the Unit

The return method is up to you, but we offer this simple option:

Option	Advantage to You	Price	*
Prepaid UPS Return Label	A UPS Return Label comes with the Ozone Generator saving you time and hassle. Just slap the label on the outside of the box when you are ready to return the generator and bring it to a UPS drop box.	Online Pricing	Buy Online!

## Rental Information

Rental Terms	Rental period starts when unit arrives at your location, and ends when you send it back. Shipping times are not included, meaning you have the unit in your possession for the whole rental period.
Availability	We have a limited number of rental units. If you need to rent immediately, please call to check availability of this sensor.
Shipping Method	UPS is preferred. However we also offer Fed-Ex or USPS. All items are shipped in a heavy-duty cardboard box with completely reusable shipping materials.
Return Shipping	Simply repackage the unit and ship back via your preferred standard parcel service. For simplicity, we recommend purchasing a Prepaid UPS Return Label. (See Returning the Unit, above.)
Shipping Cost	To calculate shipping, simply add this item to your shopping cart (see "Add to Cart" button above), and click the "Calculate Shipping" button.
Shipping Weight / Dimensions	4 lbs / 14x13x7 inches

## Specifications

Sensor type:	Gas Sensitive Semiconductor (GSS)
[b]Measurement range[b]	
Ultra-Low Concentration Ozone Head	5 - 150 ppb (0.005 to 0.150 ppm)
Low Concentration Ozone Head	8 - 500 ppb (0.008 to 0.500 ppm)
High Concentration Ozone Head	0.01 to 10.00 ppm
[b]Accuracy[b]	
Ultra-Low concentration Ozone Head	+/- 0.005 ppm over entire range
Low concentration Ozone Head	+/- 0.008 ppm 0.001 to 0.100 ppm, +/-10% 0.100 to 0.500 ppm
High concentration Ozone Head	+/- 0.1ppm 0 to 1.00 ppm, +/-15% 1.00 to 10.00 ppm
[b]T90 response time (standard)[b]	
Ultra-Low concentration Ozone Head	< 70 seconds
Low concentration Ozone Head	< 60 seconds
High concentration Ozone Head	< 60 seconds
Display type:	High resolution LCD
[b]Resolution[b]	
Ultra-Low & Low Concentration Head	0.001 ppm (1 ppb)
High Concentration Ozone Head	0.01 ppm (10 ppb)
Operating temperature range:	-5°C to 50°C
Relative humidity limits:	5% and 95%
Dimensions:	17 x 4.8 x 2.1-inches



The S-500 - monitoring outside of the pack-out room for the safety of employee entrance and content originality.

### S-500 Close-up View



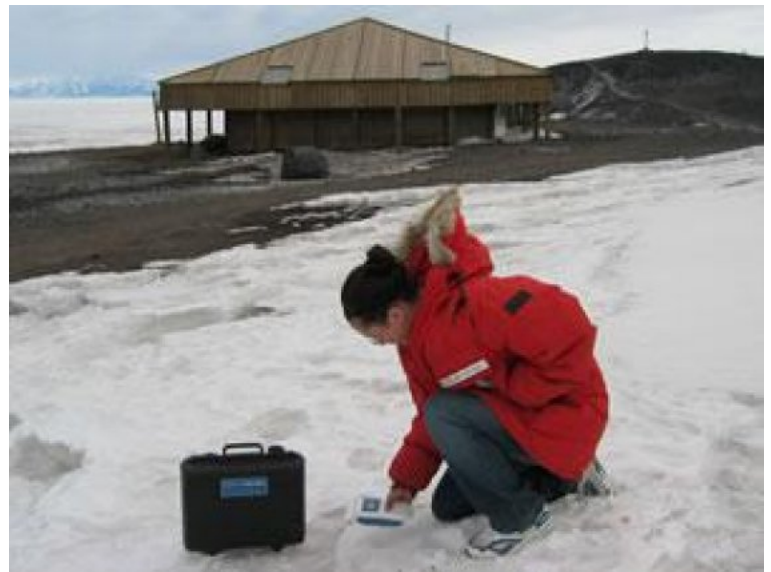
This is an image of the S-500 close up. The screen shows many different functions & states of the S-500. Control buttons on the touch-pad allow easy user interaction.

### Included Battery



Battery for the S-500 ozone monitor. Battery is included & provides 4 hours of use.

### Aeroqual Sensors in Antarctica



Recently a research team from Auckland University in New Zealand spent the summer at Scott Base in Antarctica studying tropospheric ozone levels. The Aeroqual Series 500 ozone monitor was used to calculate ozone deposition on snow and ice surfaces.