

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-500 Rental**
Stock: **Yes**

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!

Specifications

Sensor type:	Gas Sensitive Semiconductor (GSS)
Measurement range	
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	0.20 to 20.00 ppm
Accuracy	
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	+/- 10% 0.20 to 2.00 ppm, +/-15% 2.00 to 20.00 ppm
T90 response time (standard)	
Ultra-Low concentration Ozone Head	< 70 seconds
Low concentration Ozone Head	< 60 seconds
High concentration Ozone Head	< 35 seconds
Display type:	High resolution LCD
Resolution	
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%
Measurement units:	ppm or mg/m3
Removable/replaceable sensor heads:	Yes
On-board alarm:	Yes - Audio
Battery status indication:	Yes
Alarm mute function:	Yes
Sensor condition status:	Yes
Stand-by mode:	Yes
External signals	
Control	12VDC, 150 mA
Alarm	12VDC, 150 mA
Dimensions	7 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



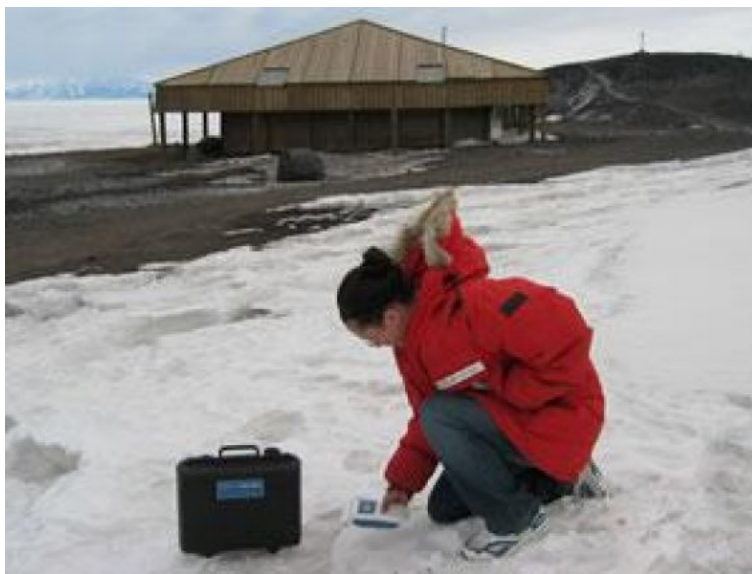
This is an image of the S-500 close up. The screen shows many different functions & states of the S-500. Control buttons on the touch-pad allow easy user interaction.

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.