

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 possible with the choice of 1 of 3 different ozone heads. Battery, AC Adapter, RS-232/USB 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-500L Rental**
 Stock: **Yes**
 Price: **\$1,395.00**

Accessories

Improve the usability of the S-500.

Item	Specs	Price	*
16590	Spare Battery (B1) (9.6V, 2100mA/hr, Ni-MH)	Online Pricing	Buy Online!
43443	C-15 Cigarette Lighter Adapter	Online Pricing	Buy Online!
43930	R-33 Metal Wall-Mounting Bracket	Online Pricing	Buy Online!
16232	C-40 Aeroqual Carry and Travel Case	Online Pricing	Buy Online!

Additional Sensor Heads

Order additional sensor heads for the S-500 as replacements or to expand the versatility of your monitor.

Extra Heads	Range	Resolution	Sensor Price	*
OZU (Ultra-low head)	5-150 PPB	1 PPB	Online Pricing	Buy Online!
OZL (Low Head)	8-500 PPB	1 PPB	Online Pricing	Buy Online!
OZG (High Head)	0.01-10.00 PPM	0.01 PPM	Online Pricing	Buy Online!
OZK (leak head)	0-50 PPM	0.1 PPM	Online Pricing	Buy Online!

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%
Measurement units:	ppm or mg/m3
Removable/replaceable sensor heads:	Yes
On-board alarm:	Yes - Audio (85 dB)
Battery status indication:	Yes
Alarm mute function:	Yes
Sensor condition status:	Yes

Windows XP compatible software included & Calibration Certificate included

S-500 with the R-10 & R-20

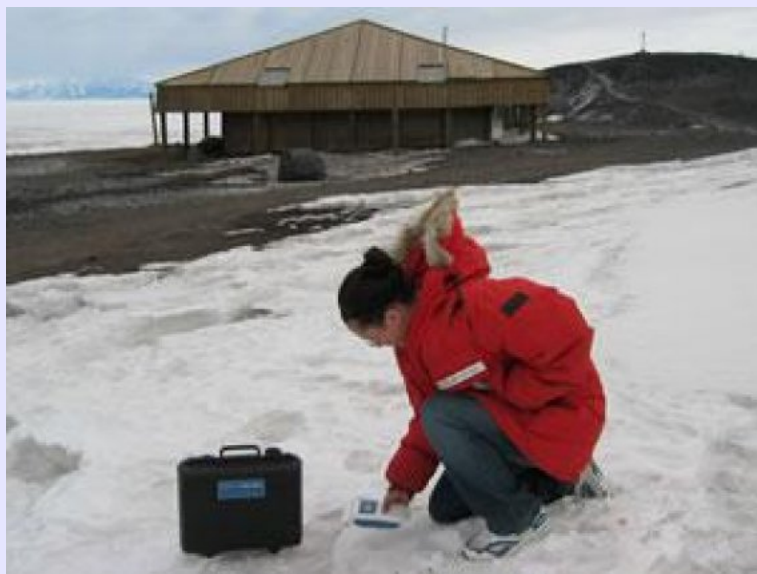


The Remote Sensor is inside the Ozone Pack-Out room or facility and the Monitor can be read outside the Ozone Pack-Out room, or facility.

R-20 with the S-500



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.

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.

S-500 and Wall Bracket



R33 Wall Bracket

The R-33 wall bracket is perfect for mounting your monitor in any setting.

S-500 with the R-10



The R-10 adapter plugs into the Aeroqual base; a cable connects the base to the remote sensor head. Up to 45-ft (15m) of cable can separate the sensor head from the display.

Aeroqual monitor in the C-40 carrying case



Use this carry case to keep all your Aeroqual components in one safe location. Case holds Base unit, 2 spare sensors, computer cable, software & power adapters.