

 **OXIDATION**
TECHNOLOGIES, LLC.

S-500 Rental Unit Guide



What's inside?



Each unit comes with:

- S-500 base
- Lithium battery - install in S-500 upon receipt
- Charging cords
- Sensor of your choosing
- Case for holding all items
- A data logging cable
- A calibration certificate for the sensor rental

How the Rental Works:

- You place the order via website or phone with credit card for weekly or monthly rental
- We ship device to your location using your preferred shipping carrier
- Rental period of 7 or 30 days begins when device arrives to your location
- Device is in use for 7 or 30 days (depending on rental period selected)
- Rental period ends when you ship device back using your preferred carrier
- When we receive the device we check over for proper operation, calibrate if necessary and get it ready for the next customer!

Quick Start Instructions:

- Download the user guide below (***S-500 User Guide***)
- Attach the sensor to the base
- Turn monitor on
- Follow warm up instructions for best accuracy

Warm Up Instructions:

- Charging time requirement: 2-3 hours
- Battery charge life: 8-10 hours
- Sensor warm up: The following sensors need to be warmed up to these time specifications for best accuracy.

Sensor	Sensor Code	Warm Up Period
Carbon Monoxide 0-1000 ppm	CO	24 hours
Nitrogen Dioxide 0-1 ppm	ENW/END	10 minutes
Ozone 0-0.50 ppm	OZL	24 hours
Particulate Matter 10/2.5	PM	10 minutes
VOC 0-500 ppm	VP	24 hours

Sensor Care:

- Do not place the sensor directly in a gas stream
- Do not expose sensor to concentrations that exceed calibrated range

Trouble shooting the device:

To open the QR code, open up your cellular device on the camera app. Hover your camera over the QR code and it should scan the QR and bring you to the page you need. If it is not scanning, try tapping the screen on the code.

S-500 User Guide:**Portable Monitor Guide:****Link for the S-500 User Guide:**

<https://www.oxidationtech.com/downloads/Aeroqual/aeroqual-s-series.pdf>

Portable Monitor Guide Link:

<https://www.gas-sensing.com/downloads/aeroqual/aeroqual-portable-monitors-brochure.pdf>

Frequently Asked Questions:

How do I know my readings are accurate?

All our sensor heads come with a factory calibration certificate. Over time the sensor head will need to be re-calibrated to ensure it is reading accurately.

How do I do a bump test?

A bump test typically involves brief exposure of the sensor to a known quantity of gas and making sure the monitor reading corresponds with that concentration. Unlike calibration there is no adjustment of the monitor in response to the level of gas detected. Please see the **S-500 User Guide** on how to perform a bump test.

My sensor is reading high under zero gas conditions

Move the sensor to clean air and check reading is zero or close to zero. If that doesn't work, keep the sensor in clean air and perform a **ZERO CAL**. Instructions for this step can be found in the **S-500 User Guide**.

My unit is reading unsable

If this is happening, unplug cable to determine if this reduces the instability. If this solves the problem then isolate the power on the PC.

If continually having issues with the rental please contact by phone or email:

Oxidation Tech
Phone: 515-635-5854
E-mail: support@oxidationtech.com

Mailing Address:
Oxidation Tech
214 US Highway 18
Inwood, IA 51240

What happens if a piece is lost?

If you should lose or break a piece of your rental equipment, it will be replaced under the renters account. Here is a list of prices you can expect to be charged:

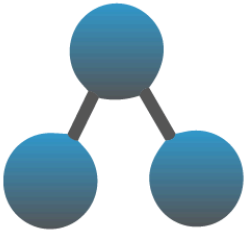
- S-500 Base \$410.00 **
- Lithium battery \$124.00 **
- Power Cord \$55.00 **
- Case \$115.00 **
- Sensor head (this item varies on a price determined by detection, range and availability but can be expected to be anywhere from \$350 - \$2000)

** Prices are subject to change at any point. These estimates do not include shipping or handling fees.

Return the rental:

When you are ready to return the rental there a few steps you need to do:

- Fill out the *Rental Return Form*
- Check for correct shipping information
- Return the unit with all of the component's



Rental Return Form

Please fill out in full and send with the merchandise:

Full Name: _____

Company Name: _____

Email: _____

Phone#: _____

Any questions, comments:

Please Print & Ship your items to:
Oxidation Tech
214 US Highway 18
Inwood, IA 51240