

Field Survival Guide

TIPS AND RESOURCES FOR ENVIRONMENTAL FIELD WORK

Be prepared every time you head out into the field with your EXO sonde or ProDSS meter. Here are our top tips:

1

Choose the Right Instrument

YSI offers a variety of equipment for water quality research. Choose the instrument and sensors that works best for your application.

- ProDSS**: The Ultimate Sampling Handheld
- EXO**: Premium Water Quality Monitoring

2

Inspect Your Sensors

Proper care and maintenance is vital to getting the best readings from your sensors. Make sure parts have been stored correctly and are in good working order.

- 626963**: Replacement ProDSS pH Module
- 626964**: Replacement ProDSS pH/ORP Module
- 626890**: Replacement ProDSS ODO Cap
- 577603-02**: Replacement EXO pH Module
- 577613-02**: Replacement EXO pH/ORP Module
- 599110**: Replacement EXO ODO Cap
- 599673**: EXO Central Wiper Brush Kit
- 608085**: EXO NitraLED Wiper Brush Kit
- 608080**: EXO2/EXO3 Alignment Ring Kit



THIS IS AN INTERACTIVE DOCUMENT

Click on list items to open up the corresponding webpage.



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Maintain Instrument Connections

Good connections in your equipment protects electronics from potential water damage and ensures proper readings.

- 599352:** Krytox Lubricant
- 626990:** ProDSS Maintenance Kit
- 599680:** EXO1 Replacement O-Ring Kit
- 599681:** EXO2/EXO3 Replacement O-Ring Kit
- 599594:** EXO Tool Kit
- 599469:** EXO Replacement Sensor Tool Kit
- 599475:** EXO Port Plug
- 599470:** Conductivity & Temp Sensor Brush



Krytox Lubricant



EXO Tool Kit

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Check Your Batteries & Power Supply

One of the Golden Rules in Tech Support is to always check your batteries. It helps to have extras on hand.

- 626846:** Handheld Li-Ion Battery Replacement
- 626943:** External Li-Ion Battery Pack
- 626991:** Li-Ion Battery Charging Cable

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Update Firmware & Software

It's easy to overlook, but staying up-to-date on firmware and software upgrades can improve functionality.

- 626992:** ProDSS USB Cable
- 605611:** EXO USB Cable

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Calibrate Your Sensors

Your data is only as good as your last calibration. Consult the User Manual for full calibration procedures.

- pH Buffer:** Available in different sizes
- Conductivity Sensor:** Available in different sizes & concentrations
- Turbidity Standard:** Available in different concentrations
- NitraLED Standard:** Available in different concentrations
- ORP Calibrator:** Available in different sizes
- Confidence Solution**



The SmartQC Handbook helps you assess the current state of your sensor performance for better calibrations.



Conductivity Standard



Turbidity Standard



pH Buffer



ORP Calibrator



Confidence Solution

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Finalize Your Equipment Settings

How do you want to use your equipment? Would GPS, Site Setup, or Data Averaging help? There are a lot of options in Kor Software that are recommended for different applications.

- Kor Software:** Manage your EXO or ProDSS



Kor Software

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Prepare a Field Survival Kit

Figure out what works best for you and your application. In addition to the items above, we also recommend:

- 616189:** Anti-fouling Copper Tape
- 599663:** Anti-fouling Sonde Sleeves
- 599564:** Anti-fouling Sonde Guard (EXO2/EXO3)
- 616290:** Anti-fouling C-Spray
- Screwdriver (Flathead and Phillips)
- Small Flashlight
- Can of Compressed Air
- Kim Wipes (or other lint-free cloths)
- Stiff-bristle Brush, Putty Knife or Scraper
- Duct Tape
- Magic Eraser (or other cleaner)
- Cotton Swabs
- DI Water
- Gloves



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