



partech OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors Installation Guide

[Home](#) » [partech](#) » partech OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors Installation Guide 

Contents

- [1 partech OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors](#)
- [2 RDO Sensor – Maintenance](#)
- [3 RDO Sensor – Programming](#)
- [4 RDO Sensor – Calibration](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)



partech OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors



OxyTechw2 RDO Sensor

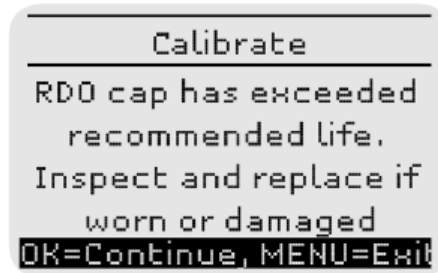
The OxyTechw2 RDO Sensor measures dissolved oxygen and temperature in a variety of applications. Partech's RDO sensor is and accurate. The stainless steel housing provides corrosion resistance. A replaceable sensor cap ensures quality data.

Standard Sensors

- Dimensions: 203 mm (7.9) long x 47 mm (1.8) diameter
- Weight: 0.8 kg (1.76 lbs) including 5m of cable
- Accuracy: Range
- Cable Length: 5 or 10 meters standard
- Service Requirement: No routine servicing

RDO Sensor – Maintenance

How to Replace the RDO Cap



1. The monitor displays a warning when the sensor cap is close to expiration.



2. Remove the nose cone from the probe.



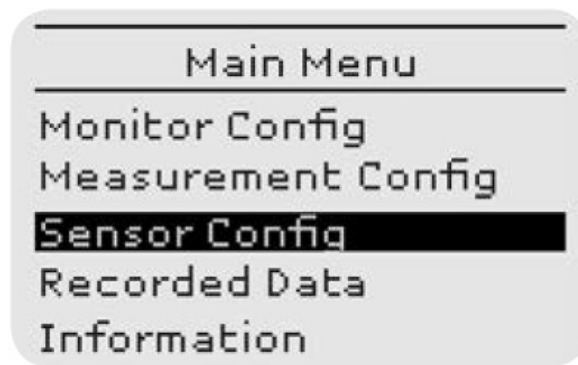
3. Pull the RDO cap away from the probe.



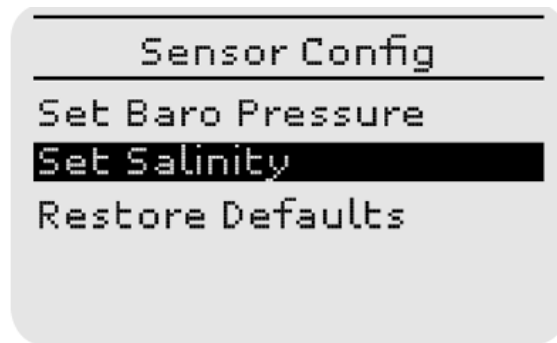
4. Align the flat edge on the tip of the probe with the flat edge inside the cap. Slide the cap in place.

RDO Sensor – Programming

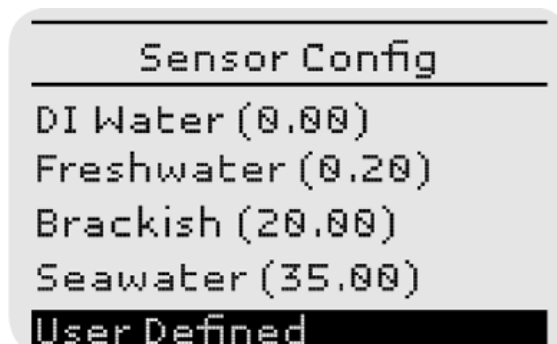
Using the Salinity Settings



1. Select Sensor Config from the main menu and press OK.



2. Choose Set Salinity and press OK.

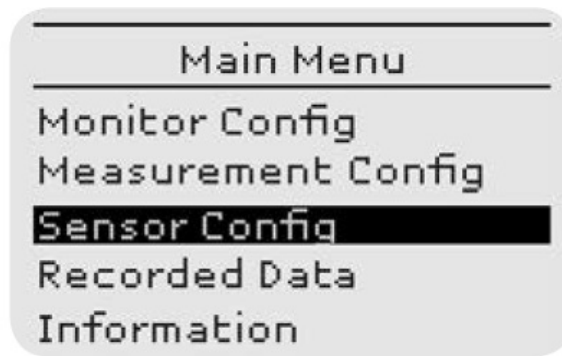


3. Select the appropriate default or choose User Defined. Press OK.

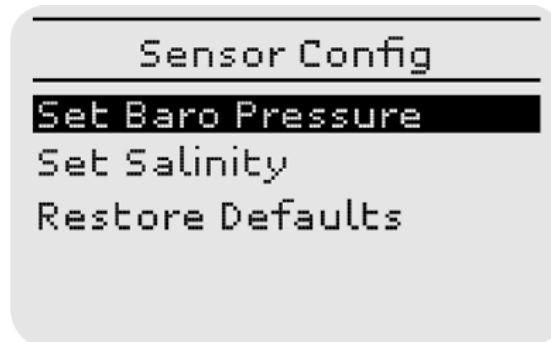


4. Use the arrow keys to set the value. Press OK when finished.

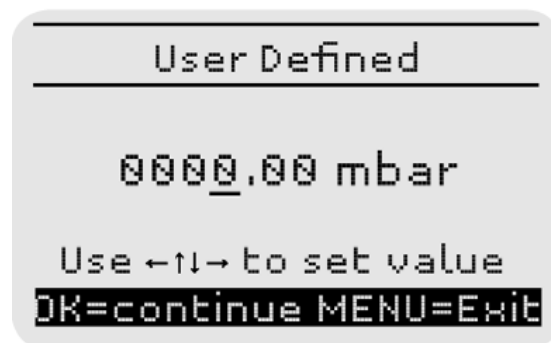
Setting Barometric Pressure



1. Select Sensor Config from the main menu and press OK.

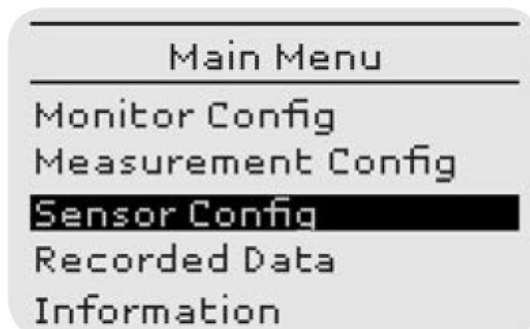


2. Select Set Baro Pressure and press OK.

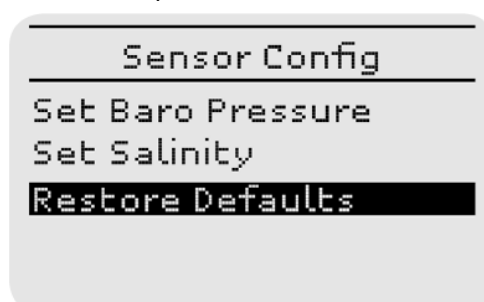


3. Use the arrow keys to set the value and press OK when finished.

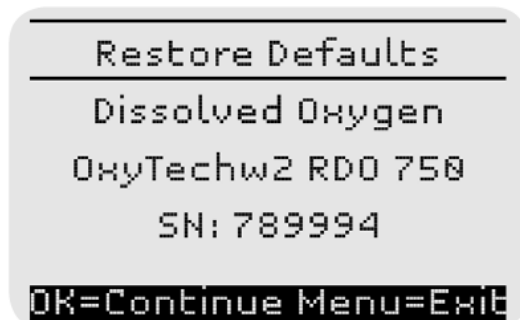
Restoring Default Settings



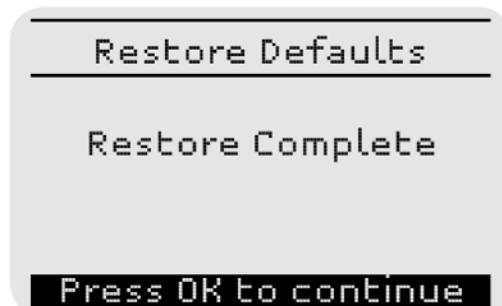
1. Select Sensor Config from the main menu and press OK.



2. Choose Restore Defaults and press OK.



3. The monitor displays sensor info. Press OK when the restore is complete.



4. When the restore is complete, press OK.

RDO Sensor – Calibration

Dissolved Oxygen Sensor – 100% Open Air Calibration Calibrate the DO sensor using the saturation method described below. See the manual for the Partech 750w? Monitor to get more information about calibration.

- 1.



Press Menu on the keypad to display the main menu.



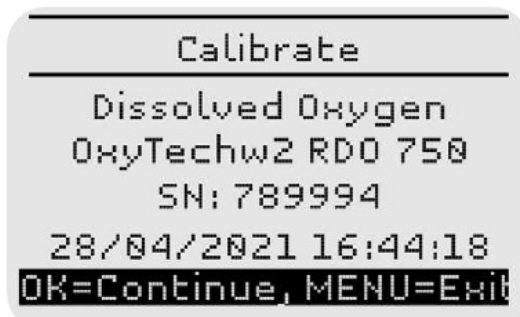
2. Select Measurement Config and press the OK key.



3. Choose DO Saturation and press OK.



4. Highlight Calibrate and press OK.



5. The monitor displays sensor info. Press OK

M:02 Calibrate

Place sensor in water
saturated air and let
Value stabilise

OK=continue, Menu=Exit

6. Calibrate the sensor in open air free from drafts. Press OK.

M:02 Calibrate

Calibration
Message...

OK=continue, Menu=Exit

7. Wait for a saturation percentage of roughly 90%. Then press OK.

General Info

The DO sensor measures dissolved oxygen and temperature in a variety of applications. Partech's DO sensor is rugged and accurate. The stainless steel housing provides corrosion resistance. A replaceable sensor cap ensures quality data.

STANDARD SENSORS	DIMENSIONS	WEIGHT	ACCURACY	RANGE	CABLE LENGTH	SERVICE REQUIREMENT
OxyTechw2 RDO Sensor	203 mm (7.9") long x 47 mm (1.8") diameter	0.8 kg (1.76 lbs) inc 5m of cable	±0.1 mg/l (0-20 mg/l) ±2% (20-60 mg/l)	0-60 mg/l; 0-600% Saturation -5°C to 50°C (23°F to 122°F)	5 or 10 metres standard	No routine servicing

1-970-498-1500

www.in-situ.com

Documents / Resources

	partech OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors [pdf] In stallation Guide OxyTechw2 RDO Pro-X Dissolved Oxygen Sensor WaterWatch2 Monitors, OxyTechw2 RDO, P ro-X Dissolved Oxygen Sensor WaterWatch2 Monitors, Oxygen Sensor WaterWatch2 Monitors, Sensor WaterWatch2 Monitors, WaterWatch2 Monitors
---	---

References

-  [Water Monitoring Equipment, Water Quality Testing, & More | In-Situ](#)