

Verifying Battery Performance on the Dissolved Oxygen Polarizer

The following procedure can be applied to verify the functionality of the Battery inside the Battery Operated Dissolved Oxygen Polarizer.

- 1) Remove the black cap portion of the polarizer. This is done by holding the DO Connector firmly at its base and twisting. The design of this piece is a threaded cap with an O-ring.
- 2) Once the Cap is removed then take a Multi-meter, configure it to display Millivolts and place the sensing elements on the Positive and Negative portions of the battery.
- 3) You should read 675 millivolts for the Battery to be considered ideal. However, you can set an allowable range to be between 550-750 millivolts.

These batteries are rated for 5 years of Service Life and are in Service whenever the Polarizer is connected to a DO Sensor. As a note, the batteries in these Polarizers can be purchased at your local electronics store or we can replace them for you.

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