



Depth Calibration Video Transcript

Function

The depth sensor is a very sensitive pressure transducer. The software in the sonde converts the pressure reading into a depth value with compensation for temperature and salinity.

Maintenance

The only maintenance required for the depth sensor is to keep the opening in the sonde free of blockage. When cleaning the sonde, debris and organisms should be removed from the opening. NEVER poke a tool or cleaning implement into the opening. The diaphragm inside the sensor can be dented very easily which will destroy it.

Calibration

Establish a connection to the sonde with Hydras 3LT. Click the button labeled **‘Operate Sonde’**.

When the sonde finishes its initialization, click the **‘Calibration’** tab, then click the **‘Dep###[meters]’** tab. You will see a picture of the opening in the sonde as well as the current depth in meters, the date and time, and the current temperature.

Remove the storage cup and attach the weighted sensor guard. Turn the sonde over so the weighted sensor guard is pointed down. Type ‘0’ into the box in the Hydras window, and click the **‘Calibrate’** button. A “Calibration Successful” message will appear.

The depth is now calibrated.