

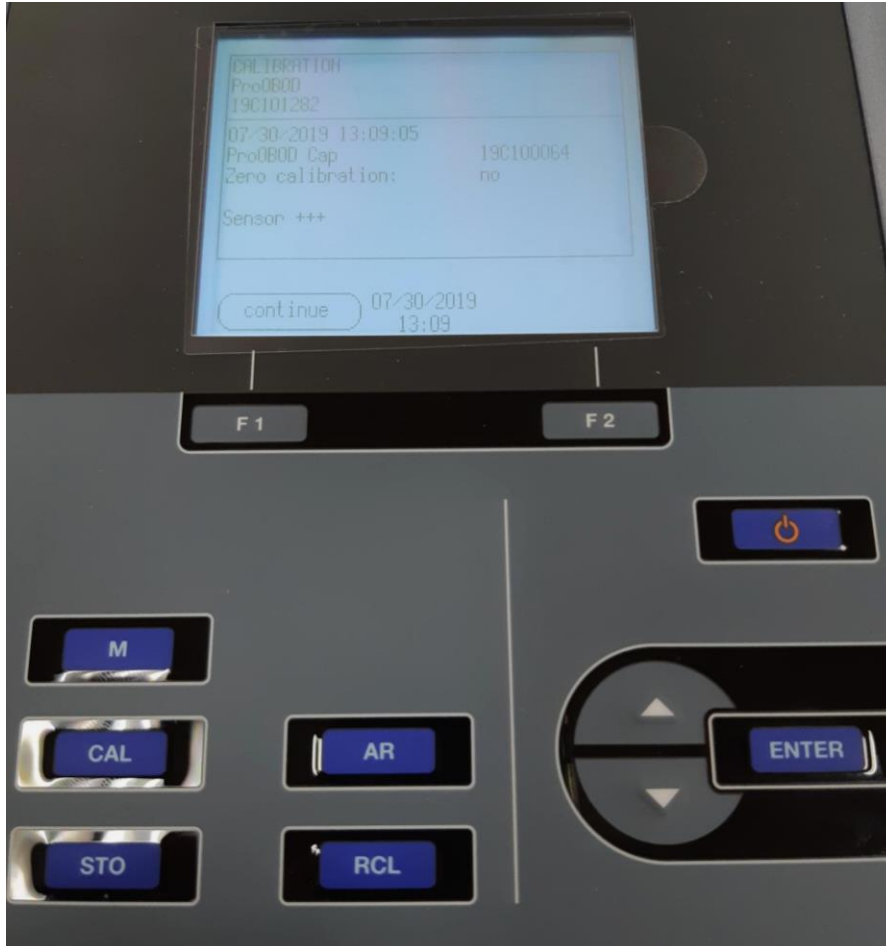
Q: How do I do a water vapour-saturated air calibration using my YSI 4010 MultiLab IDS meter?

A: Follow the step by step instructions below.

1. Connect the probe to the meter.
2. Place the probe in the calibration vessel, typically a BOD bottle containing approximately 1 inch of clean water. The sensor must not be submerged in water.
3. Start from the main display of the meter, which shows the DO reading.
4. Ensure that the **Comparison meas.** setting is set to **off**, within the **Calibration** menu.
 - a. Press the **[ENTER]** button to access the settings, then **[ENTER]** again to view the calibration menu.
 - b. Ensure **Comparison meas.** is set to **off**.
 - c. Press **[F1]** to return to the main display which shows the DO reading.
5. Allow the probe to sit in the calibration vessel until the air is saturated with water vapour and the probe has stabilized at ambient temperature, typically 10-15 minutes.
6. After stabilizing, begin the calibration by pressing **[CAL]** and then **[ENTER]**.
7. The meter will verify stabilization. While it's stabilizing, the screen will flash **[AR]**.



8. The meter will beep once the calibration is finished. The calibration record will display.



9. Press **[F1]** to return to the main display showing the DO reading.