

YSI 550A DO Meter CALIBRATION IN % SATURATION

1. Ensure that the sponge inside the instrument's calibration chamber is moist. Insert the probe into the calibration chamber.
2. Turn the instrument on. Allow it to warm up and readings to stabilize for about 15-20 minutes.
3. Press and release both the **UP ARROW** and **DOWN ARROW** keys at the same time to enter the calibration menu.
4. Press the **Mode** key until “%” is displayed on the right side of the screen for oxygen units. Press **ENTER**.
5. The LCD will prompt you to enter the local altitude in hundreds of feet. Use the arrow keys to increase or decrease the altitude. When the proper altitude appears on the LCD, press the **ENTER** key.
EXAMPLE: Entering the number 12 here indicates 1200 feet.
6. **CAL** will now display in the lower left corner of the screen, the calibration value in the lower right corner and the current DO reading (before calibration) will be the main display. Once the current DO reading is stable, press the **ENTER** button.
7. The LCD will prompt you to enter the approximate salinity of the water you are about to analyze. You can enter any number from 0 to 70 parts per thousand (PPT) of salinity. Use the arrow keys to increase or decrease the salinity setting. When the correct salinity appears on the LCD, press the **ENTER** key. The instrument will return to normal operation.
8. Press the **Mode** key until mg/L is visible to read values in mg/L.