How to Calibrate Your ORP Meter
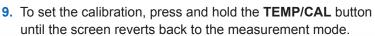
ORP-200 Meter

1. Select one ORP buffer powder pillow (Part #: ORP-BUF).
2. Fill one bottle with 100 mL of de-ionized or distilled water (up to the shoulder). It doesn't need to be precise.
3. Empty the powder into the water and mix well. A small amount of the powder may remain undissolved which is normal.
4. Turn the meter on by pressing the **ON/OFF** button. **NOTE:** The reading will fluctuate when the meter is not submersed in the solution. It will begin to stabilize once it is in the solution.
5. Dip the meter into the ORP buffer solution. Lightly stir the meter for approximately 30 seconds. The reading will change during this time and may continue to change slightly after 30 seconds. This is normal. Let the meter sit for approximately 1 - 3 minutes until it is stabilized.
6. Press and hold the **TEMP/CAL**. The temperature display will change to a **CAL** image.
7. The meter will automatically adjust to a reading within a range of the solution the meter is in.
8. Change the reading so that it matches the buffer solution. For example, if your calibration solution is +92mV, decrease or increase the reading until it reads 92. To increase the reading, press the **UP** button (**TEMP/CAL**). To decrease the reading, press the **DOWN** button (**HOLD**).

If the calibration reading reaches the minimum or maximum level within the range (+/- 100 mV), the screen will display the **MINIMUM CALIBRATION REACHED** *icon, or* **MAXIMUM CALIBRATION REACHED** *icon, respectively.* **NOTE:** *This occurs only within the range of the sample the meter is currently in. When* **CAL** *does not flash, it means calibration is in the middle of the range.*

9. To set the calibration, press and hold the **TEMP/CAL** button until the screen reverts back to the measurement mode.
10. Your meter is now re-calibrated.

ORP-BUF
Buffer Solution

NOTE: The sensor is very sensitive. It is normal for the reading to change by 1 or 2 mV.

NOTE: ORP meters need to have tip stored in storage solution.

ORP-STOR
Storage Solution

Dilution SOLUTIONS
A Dosatron International, Inc. Company

1-800-451-6628   1-727-451-1198