



ORP-200 Meter Maintenance

Below are instructions on how to obtain accurate repeatability in negative ORP liquids:

Continued usage in low, negative ORP liquids may result in TDS and/or hydrogen buildup on the sensor's platinum band. To achieve improved results and the most accurate readings possible, periodic cleaning will be required. Please follow the instructions below, step-by-step in order to correctly clean the sensor.

****NOTE:** Never touch any of the three sensors with your fingers. Touching them with your fingers will permanently damage the sensors and will void the warranty.

What you will need:

1. Your ORP-200 meter
2. Distilled Water
3. A piece of tissue
4. Extra fine, pro grade soft-touch sandpaper (available at most home improvement stores).



Preparation:

1. Fill a glass or cup with about 3-inches of distilled water.
2. Cut a piece of extra-fine sandpaper into a thin strip that is about 3.5-4 millimeters thin and 4-5 inches in length.

Cleaning the Platinum Band:

1. Make sure the meter is off.
2. Turn the meter upside-down so you can easily work on the sensors.
You will see the Platinum band wrapped around the small, glass sensor.
3. Using the thin piece of sandpaper (about 3.5 mm thin), carefully clean the platinum band by wiping it gently back and forth on both accessible sides.
4. Rinse the sensor in distilled water. Then shake off the water and wipe the outside of the sensor with a piece of tissue.

Platinum band



Wipe the platinum band back and forth on both sides with a piece of 3.5 mm extra fine, soft-touch sandpaper.

General Usage Tips

1. Always make sure there is a sponge with ORP storage solution in the cap for the sensor when not in use.
2. Always store the meter standing upright so that the sensors are properly saturated in the storage solution.
3. Rinse the sensor in distilled water after each use. Wipe the sensor with a tissue prior to putting the cap back on.
Compressed-gas duster spray may be used as well.
4. Calibrate your meter frequently using an ORP buffer solution.