



ORP-200 METER MAINTENANCE

How to obtain accurate repeatability in negative ORP liquids

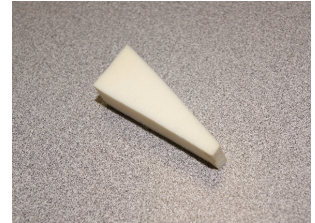
Continued usage in low negative ORP liquids may result in TDS and/or hydrogen buildup on the sensor's platinum band.

To achieve improved results, periodic cleaning will be required. Please follow these instructions carefully to clean the sensor.

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

What you will need:

1. Your ORP-200 meter
2. Distilled water
3. A tissue
4. A foam make-up remover/blending wedge or art sponge bar (any shape). These are available from most drug stores, supermarkets or art supply stores.



Preparation:

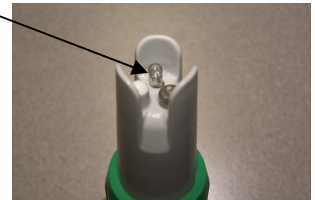
1. Fill about 3 inches of a glass or cup with distilled water.
2. Cut about 1/8" off the foam wedge. The thin strip is what you will use.



To clean the platinum band:

1. Make sure the meter is off.
2. Rinse the sensor in distilled water by swirling in a cup of distilled water for 2-3 seconds.
3. Shake off the water, and wipe the outside of the sensor with the tissue.
4. 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.
5. Using the foam (1/8" strip), gently and carefully clean the platinum band by wiping it back and forth on both accessible sides.

Platinum band



Wipe back and forth with the foam

Clean both sides of the band

General Usage Tips

1. Always make sure there is storage solution in the cap.
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. Shake the distilled water off well and wipe the outside of the sensor with a tissue prior to putting the cap back on. Compressed air can be used.
4. Calibrate frequently using an ORP buffer solution.

