OAKTON® Waterproof SaltTestr Instructions

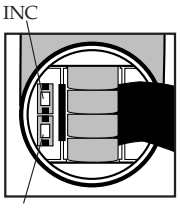
Before you Begin:

Remove electrode cap. Soak electrodes for a few minutes in alcohol to remove oils.

Calibration:

Tester is factory calibrated. However, to ensure accuracy, calibrate SaltTestr on a regular basis.

Select a calibration standard appropriate for the SaltTestr. To achieve stated accuracy, calibrate to a standard between 4.00 ppt and 6.00 ppt.



1. Open battery compartment lid (end with lanyard loop). The two white buttons are Increment (INC) and Decrement (DEC) calibration keys.
2. Rinse electrode in deionized water, then rinse it in calibration standard, then dip it into a container of calibration standard.
3. Switch unit on (ON/OFF key). Wait several minutes for display to stabilize.
4. Press the INC or DEC keys to adjust reading to match the calibration standard value.
5. After 3 seconds without a key press, the display flashes 3 times, then shows "ENT". The tester accepts calibration value; returns to measurement mode.
6. Replace battery cap.

Testing:

1. Remove electrode cap. Switch unit on (ON/OFF key).
2. Dip electrode into test solution. Make sure sensor is fully covered.
3. Wait for reading to stabilize (Automatic Temperature Compensation corrects for temperature changes). Note reading.
4. Press ON/OFF to turn off Tester. Replace electrode cap. Note: Tester automatically shuts off after 8.5 minutes of nonuse.

HOLD function:

Press HOLD key to freeze display. Press HOLD again to release.

Setting Conversion factor:

This tester lets you select Conductivity-to-ppt conversion factor of 0.4 to 1.0.

The SaltTestr is factory set at 0.5; ideal for testing NaCl. You may want to change the factor if working with different salts.

1. Open battery compartment. With meter on, press the HOLD key, then press the INC key (INC key is inside battery compartment; see diagram above).
2. Press the INC or DEC keys to adjust the factor.
3. After 3 seconds without a key press, the display flashes 3 times, then shows "ENT". Tester accepts factor and returns to measurement mode.
4. Replace battery cap.

Instrument Maintenance:

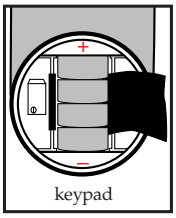
- To improve performance, clean the stainless steel electrodes by periodically rinsing them in alcohol for 10-15 minutes.
- Replace all batteries if low battery indicator appears, or if readings are faint or unstable.
- If you experience drift, periodically let electrode fully dry.

NOTE: Testr life is dependent on meter and electrode care. If the electrode is exposed to damaging materials, electrode life will be shortened.

When you need a new electrode, see **"Electrode Replacement"** on insert in back of box.

Changing batteries

1. Open battery compartment lid (with attached lanyard loop).
2. Remove old batteries; replace with fresh ones. Note polarity (shown in battery compartment and in picture at right).
3. Recalibrate Testr after battery change.



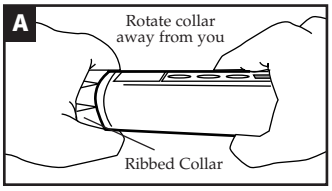
Specifications

Range	0.0 to 10.00 ppt
Resolution	0.10 ppt
Accuracy	0.00 to 7.00 ppt: ±1% FS above 7.00 ppt: ±3% FS
TDS Factor	factory set for NaCl at 0.5
Calibration Standard Range	calibrate to NaCl value between 4.00 ppt to 6.00 ppt
Calibration	one point
Operating Temperature	32 to 122ºF / 0 to 50ºC
ATC	0 to 50°C (2% per °C)
Power	Four 1.5V alkaline batteries (Eveready A76BP; supplied) 150 hrs. continuous use Alternate replacement Model Eveready 303 silver oxide, 70 hrs. continuous use.
Dimensions	6.5" L x 1.5" Dia. (165 x 38 mm)
Weight	3.25 oz (90 gms)

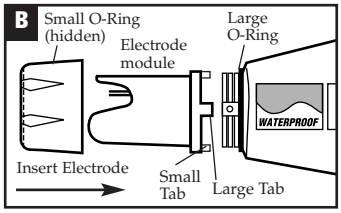
Electrode replacement:

You can replace the electrode module at the fraction of the cost of a new Testr. When the Testr fails to calibrate or gives fluctuating readings in calibration standards, you need to change the electrode.

1. With dry hands, grip the ribbed Testr collar with electrode facing you. Twist the collar counter clockwise. *(see diagram A)*. Save the ribbed Testr collar and O-ring for later use.



2. Pull the old electrode module away from the Testr.
3. Align the four tabs on the new module so they match the four slots on the testr. *(see diagram B)*.



4. Gently push the module onto the slots to seat it in position. Push the smaller O-ring fully onto the new electrode module. Push the collar over the module and thread it into place by firmly twisting clockwise.

Warranty:

The waterproof SaltTestr meter body is warranted against defects in materials and workmanship for a period of 12 months from the date of purchase; the electrode module is warranted for a period of 6 months from the date of purchase. If repair, adjustment or replacement is necessary and has not been the result of abuse or misuse within the time period, please return the Testr—freight pre-paid—and correction will be made without charge. Out of warranty products will be repaired on a charge basis.

Return of Items:

Authorization must be obtained from your OAKTON Distributor before returning items for any reason. When applying for authorization, please include information regarding the reason the item(s) are to be returned.

Note: We reserve the right to make improvements in design, construction and appearance of products without notice. Prices are subject to change without notice.