



## Salinity

### Procedure with Vernier LabQuest:

- 1) Power up the LabQuest
- 2) Rinse the tip of the Salinity sensor with distilled water.
- 3) Insert the tip of the sensor into the sample to be tested. **Be sure the electrode surfaces in the elongated cell are completely submerged in water, but do not completely submerge the sensor- the handle is not waterproof.**
- 4) Wait for the reading to stabilize. This should take about 5-10 seconds.
- 5) Rinse the end of the probe with distilled water before taking another measurement.

Note: If you are taking readings at temperatures below 15<sup>0</sup>C or above 30<sup>0</sup>C, allow more time for the temperature compensation to adjust and provide a stable salinity reading.

**Important:** Do not place the electrode in viscous, organic liquids, such as heavy oils, glycerin (glycerol), or ethylene glycol. Do not place the probe in acetone or non-polar solvents, such as pentane or hexane.