

## OP-5 CALIBRATION SOLUTIONS

Spectra Watermakers sells hand held salinity indicators (tds meters), p/n KIFHHM, and also provides built in salinity sensors on our automated units. These meters, as well as those sold by other manufacturers, should be calibrated before use and the calibration checked occasionally. If there is ever any question about the quality of the water being produced by the water maker it is essential to have a properly calibrated meter in order to have accurate information. In order to calibrate a salinity indicator it must be placed in a solution of known salinity so that it can be adjusted to display the correct reading.

Some handheld meters have an automatic calibration feature. The meter must be placed in a solution which has 1382 parts per million total dissolved solids. When the "autocalibrate" button is pressed the meter will reset itself to read 1382 ppm. This solution is our part number EL-SLT-CBS. Other handheld salinity testers have a small plastic Phillips head adjusting screw on the back. These meters should be calibrated to an 800ppm solution, available from Spectra as part number EL-SLT-CGS8.

Our automated watermakers with built in indicators, as well as some other handheld meters, use a calibration screw to adjust the meter. With this type of meter the sensor should be placed in an 800ppm calibration solution and the reading adjusted with a screwdriver until the display reads 800ppm. Instructions for calibrating our built in meters are in our Bulletins HS-LF-3 and HS-LF-4. Our 800ppm solution is p/n EL-SLT-CGS8.

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