

CALIBRATION PROCEDURE
USING 0.2% NaCl SOLUTION

**Always have a clean and dry probe when using this procedure.
PLEASE REFER TO LAB SHEET FOR CELL FACTOR, DILUTION, AND 0.2%
NaCl values specific to your machine.**

1. Press “GO TO CAL” on keypad.
2. Machine will prompt to confirm the following. Press “Enter” or “Yes” to confirm. Press “No” to change.
 - a. Name of sample to test.
 - b. Cell factor of the probe. On the bottom of the probe (inscribed)
 - c. Dilution factor
 - d. Unit of measurement (% Salt): Scroll through options by pressing “No.” Press “yes” when machine displays “% Salt.”
3. Sample Calibration
For the sample, use a 0.2% NaCl solution. To prepare this, mix 2.00g NaCl with 1000 ml distilled water.
 - a. Flow through probe directions
Place finger over the bottom of the probe to prevent the sample from exiting the column, as you pour the sample into the flow through reservoir. Keep the finger in place as you respond to the next set of prompts from the machine.

After the probe is exposed to the sample, the machine will display a “MEAS'D VALUE.” Press “YES” to confirm. Press “NO” to change. If “NO” is pressed, the machine will prompt for the “ACTUAL VALUE” (in this case, the 0.2% NaCl value provided on your lab form). Enter the “ACTUAL VALUE” (the 0.2%NaCl value.) Press “ENTER” or “YES” to confirm. The display will read “MORE SET POINTS?” which confirms the procedure has been completed. Enter “YES” to continue to program the machine. Enter “NO” after all SET POINTS have been programmed.

VALUES + or – 0.03% are acceptable