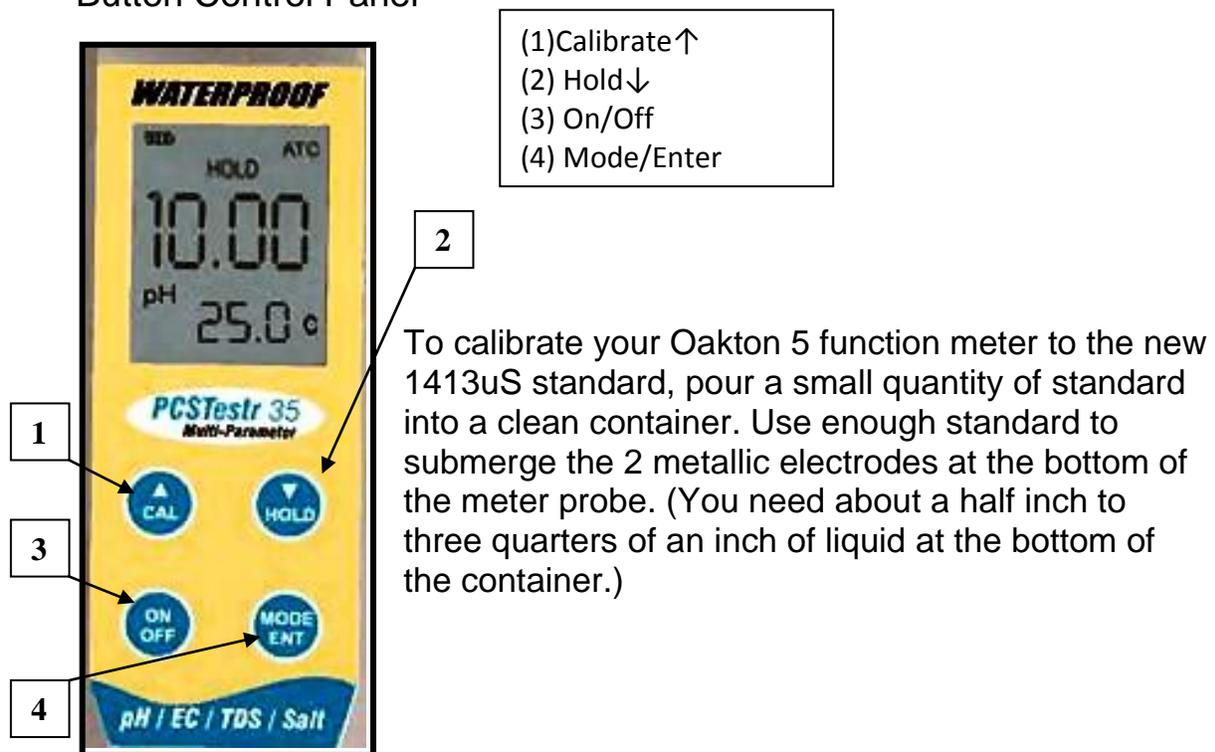


Oakton Meter Conductivity Calibration

Button Control Panel



- Remove the probe cap and place the meter into the standard. Push button (3) to turn **ON**, wait 3 sec. Cycle to the **Cond.** function by pressing button (4) **MODE/ENT** repeatedly. You must pause 3 seconds between each button depression to allow the meter time to display the new measurement function, and then enter measurement mode.
- Once in conductivity mode, wait for the conductivity reading to settle down. This usually takes less than a minute.
- Next, push (1), the Calibration Button (**CAL**). If the top reading is not 1413uS, use buttons (1) **CAL** & (2) **Hold** to adjust the top display value to match the standard. Up-arrow makes the value larger, as the white arrow on the button indicates. Down-arrow makes the value smaller.
- Once the upper display value matches the standard, depress (4) **MODE/ENT**.
- Both the top and bottom display will blink the standard value and then automatically return the unit to measurement mode. Don't be disturbed if the new measurement is not exactly 1413uS, this doesn't always happen. You should be reasonably close however.

Good news on salinity calibration!

If you do a good job calibrating conductivity with the 1500uS or 1413uS standard, you have calibrated for salinity.

The meter only has 2 sets of probes and one set, as we know is for pH. Everything else depends on the conductivity probes.

Our meters recognize only certain standards. The 1500uS and 1413uS are two of them.

The Hach Colorimeter, (491 g/ml), salinity standard is not recognized by the Oakton meters; and they will therefore display an error statement.

You can however double check you EC calibration by placing the meter into the salinity standard while in SAL mode and you should measure very close to 491ppm. I tried this and it was very accurate within 1 or 2 units of the standard