

D-54 pH/EC Meter (item 2172)

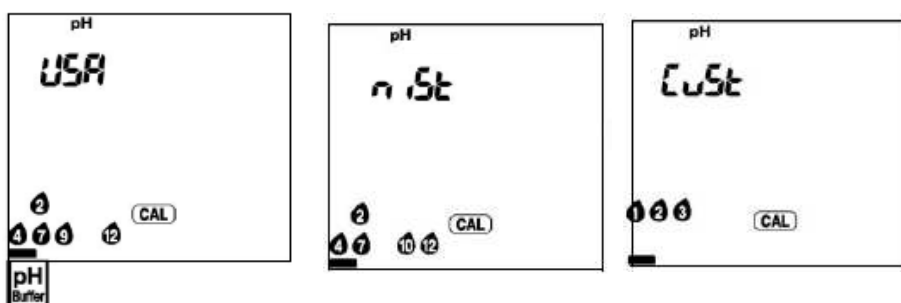
Quick Start Guide

pH

Setting the pH7 standard solution mode (sect. 3.4.3 of manual)

The meter allows for calibration at a pH of either 6.8 (NIST), 7.0 (USA) or a customer-specified value. Spectrum ships the meter with pH 7.0 solution. To confirm the meter is in USA mode:

1. With the meter in measurement mode, press the SET key to enter the pH Buffer selection mode.
2. Pressing the ENTER key will toggle you between the 3 modes. Select USA mode.



3. Press the MEAS key to return to measurement mode.

Calibration (sect. 2.5 of manual)

1. Open the internal solution filler port (fig. 1).
2. Immerse the tip of the probe into the pH7 to a depth of at least 3cm (fig. 2).
3. With the meter in pH measurement mode (this can be selected by pressing the MODE key), press the CAL key to enter Calibration mode and <CAL> is displayed (fig. 3)
4. Press the CAL key again to initiate the calibration procedure. The HOLD icon will stop blinking when calibration is complete (fig. 4).
5. Press the MEAS key to return to measurement mode.
6. Repeat the above procedure in pH4 solution to perform a 2-point calibration.

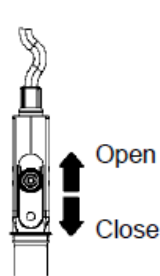


Figure 1

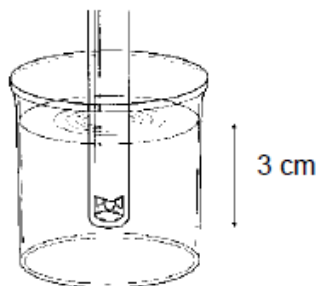


Figure 2



Figure 3



Figure 4