

How to Calibrate a pH Probe for the HANNA HI 207 or HI 208

How to perform a single-point calibration

A) Press and hold the ON/OFF/MODE key until "OFF" message on the secondary display is replaced by "CAL". Release the key.

B) For a single-point calibration with **pH 4.01, 9.18 or 10.01 buffer**, simply place the probe in the buffer of choice. The meter automatically accepts the calibration when the reading is stable.

1) The meter will show the accepted buffer, with the "OK 1" message, and there will be an audible signal (beep!).

2) After 1 second the meter automatically returns to normal measurement mode.

C) For a single-point calibration with **pH 7.01 or 6.86 buffer**, simply place the probe in the buffer of choice. The meter automatically accepts the calibration when the reading is stable.

1) The ON/OFF/MODE key must then be pressed in order to return to normal measurement mode after the calibration point has been accepted.

2) After the key is pressed, the screen will show "7.01" (or "6.86") - "OK 1", and there will be an audible signal (beep!).

3) After 1 second, the instrument automatically returns to normal measurement mode.

How to perform a two-point calibration

For better accuracy it is always recommended!

A) For a two-point calibration, first place the probe in pH 7.01 (or pH 6.86) buffer.

B) After the calibration point has been accepted, the pH 4.01 "USE" message appears.

C) Place the pH probe into the buffer of your choice (4.01, 9.18 or 10.01) and wait for the reading to stabilize. The instrument will automatically recognize the buffer value you are using and calibrate it as such.

1) If a valid buffer (**pH 4.01, pH 10.01 or pH 9.18**) is detected, then the instrument completes the calibration procedure.

2) If no valid buffer is recognized, then the "WRNG" message is displayed.

3) When the buffer is accepted, the LCD shows its value with the "OK 2" message.

When the calibration procedure is completed, the "CAL" tag turns on



How to quit calibration

After entering the calibration mode and before the first point is accepted, it is possible to quit the procedure and return to the last calibration data by pressing the ON/OFF/MODE key. The secondary display shows "ESC" message for 1 second and the instrument returns to normal mode.

How to reset to the default values

To reset to the default values and clear a previous calibration, press the HOLD/SET key after entering calibration mode and before the first point is accepted. The secondary display shows "CLR" message for 1 second, the instrument resets to the default calibration and the "CAL" tag turns off.