

LAQUA

Quick Guide

LAQUA 200 Series PH210/220,
PC210/220, & PD210/220
Handheld Meters

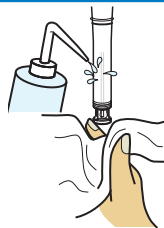


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HORIBA
Scientific

pH Calibration & Measurement

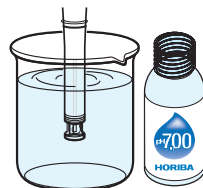
1. Rinse the pH electrode with clean water and blot using lint-free tissue to remove excess water.



2. Immerse the pH electrode in pH buffer.

Perform 2-point calibration using pH 7 and 4 for acidic sample or pH 7 and 10 for alkaline sample.

Perform 3-point calibration using pH 7, 4, and 10 if you are unsure of the expected sample value. It is recommended to calibrate with pH 7 first.



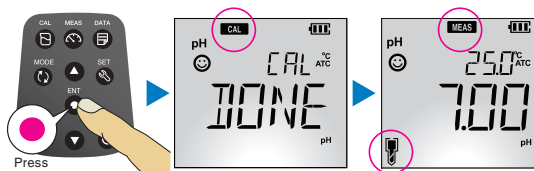
3. Press CAL button on the meter to switch to calibration mode.

The screen will display the set pH buffer group briefly and the ☺ will start blinking until the reading stabilizes.



4. Press ENT button to confirm the pH reading. To abort calibration, press MEAS key.

The meter will switch to measurement mode and the electrode icon will appear on the screen.



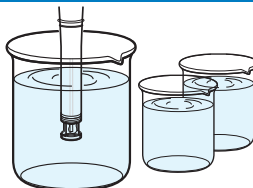
5. Repeat step nos. 1 to 4 to perform calibration with the next pH buffer(s).

The meter allows up to 5 calibration points for USA / NIST pH buffers and up to 6 calibration points for DIN pH buffers.

6. Rinse the pH electrode with clean water and blot using lint-free tissue to remove excess water.

7. Immerse the pH electrode in sample.

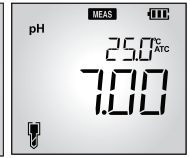
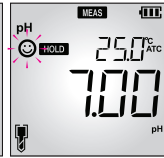
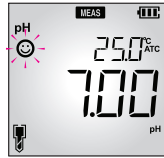
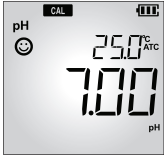
Make sure that the glass membrane and junction of the pH electrode are immersed in sample.



pH Calibration

pH Calibration Data

Measurement Modes



Auto Stable

Auto Hold

Real Time



pH Setup



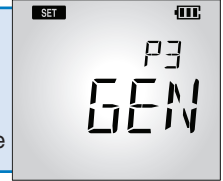
P4 CLK*

- P4.2 TIME - Set time
- P4.1 DATE - Set date



P3 GEN

- P3.4 RSET - Reset meter
- P3.3 °C/°F - Select temperature unit
- P3.2 A.OFF - Set auto shut-off time
- P3.1 STBL - Select measurement mode



P2 DATA

- P2.3 D.CLR - Erase data log
- P2.2 PRNT - Print data log
- P2.1 LOG - Set data log interval

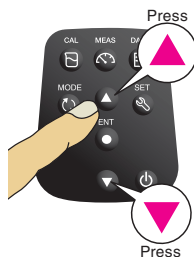


P1 PH

- P1.3 C.CLR - Erase CAL data
- P1.2 C.ALAR - Set CAL alarm
- P1.1 BUFF - Select pH buffer group



Press up or down buttons to scroll through settings



Press ENT button to confirm settings



*Available in 220 models only