

LAQUA Quick Guide

LAQUA WQ-300 Series
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.



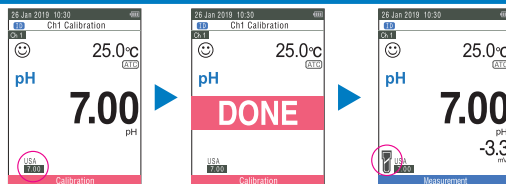
3. Press CAL button on the meter to switch to calibration mode.

The set pH buffer group is displayed at the bottom of the screen. The ☺ icon on the screen and LED light on the electrode (if switched on) will blink until the reading is stable.



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

The meter will show DONE briefly then switch to measurement mode. The calibrated pH value and the electrode icon will appear in measurement mode.



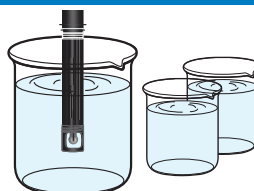
5. Repeat step nos. 1 to 4 to perform calibration with the next pH buffer(s).

The meter allows up to 5 calibration points for USA, NIST, NIST10, Custom 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.

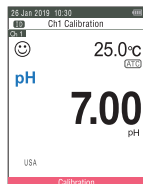
Make sure that the glass membrane and junction of the pH electrode are immersed in sample.



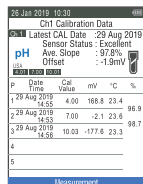
P/N: 3200832948

CODE: GZ0000584705

pH Calibration



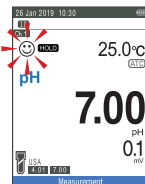
pH Calibration Data



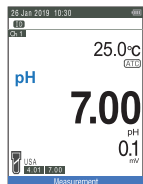
Measurement Modes



Auto Stable



Auto Hold



Real Time



pH Setup



pH Setup

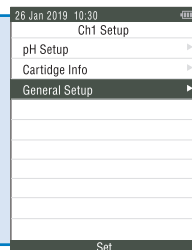
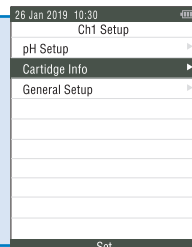
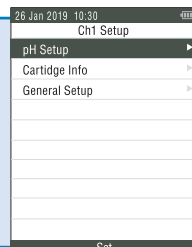
- pH Resolution
- Buffer Group
- CAL Alarm
- Temperature Type
- CAL Data Clear

Cartridge Info.

- Model
- SN

General Setup

- System Setup
- Stability Mode
- Stability Criteria
- System Info.



Press up ▲, left ◀, right ▶, or down ▼ button to scroll through settings



Press ENT button to confirm settings

