

# LAQUA

## Quick Guide

LAQUA WQ-300 Series  
Handheld Meters



www.horiba-laqua.com  
**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.



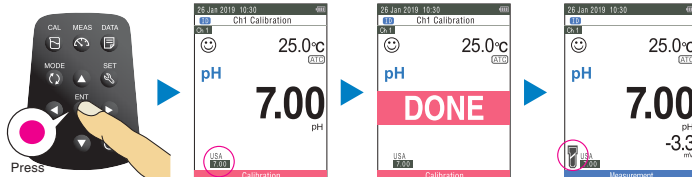
**3. Press CAL button on the meter to switch to calibration mode.**

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.



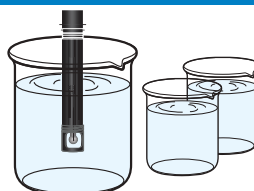
**5. Repeat step nos. 1 to 4 to perform calibration with the next pH buffer(s).**

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.**

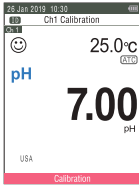
**7. Immerse the pH electrode in sample.**

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

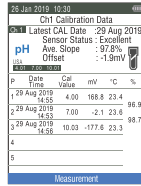




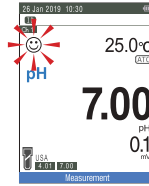
## pH Calibration



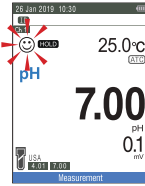
## pH Calibration Data



## Measurement Modes



Auto Stable



Auto Hold



Real Time

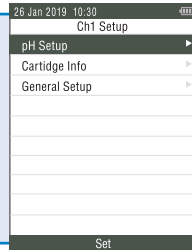


## pH Setup



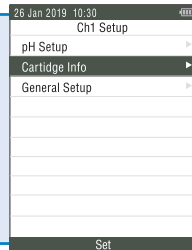
### pH Setup

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



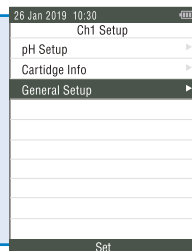
### Cartridge Info.

- 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

