

# LAQUA

## Quick Manual

pH Meter F-72,73,74



**HORIBA**  
Scientific

CODE : GZ0000272694  
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## Preparation

- Prepare pH standard solutions**
- Connect the electrode to the pH meter**
- Press the power button of the pH meter**  
  - ☆ Press the power button for 2 seconds.
  - ※ Wait for 10 seconds after connecting the AC adapter before pressing the power button.
- Remove the protective cap from the electrode, and open the internal solution filler port**  
  - Remove the protective cap  
Loosen the knurled nut counterclockwise, then remove the electrode.
  - Open the internal solution filler port  
Pull down the rubber stopper by holding the triangle part until the internal solution port is visible.

## Calibration

When the measurement sample is known to be acid, perform two-point calibration with pH7 and pH4.  
When it is known to be alkaline, perform two-point calibration with pH7 and pH9.  
When the sample pH is not known, perform three-point calibration with pH4, pH7 and pH9.

- Enter the calibration mode**
- Start the first point calibration**

Immerse the electrode in the pH7 standard solution until the liquid junction part is fully submerged.

Confirm that the instantaneous value is stable, then press **START** button.

When the indication changes from the blinking state to the lit state, calibration is complete.

To second point calibration with **STOP** button.

- Start the second point calibration**

Immerse the electrode in the pH4 standard solution until the liquid junction part is fully submerged.

To measurement

or

To third point calibration with **STOP** button.  
※ In order to calibrate 3 points, the number of calibration points needs to set up beforehand.

- Start the third point calibration**

Immerse the electrode in the pH9 standard solution until the liquid junction part is fully submerged.

※ The calibration method is the same as first and second point calibration.

## Measurement

- Enter the measurement mode**
- Start the measurement**

Immerse the electrode in the sample until the liquid junction part is fully submerged.

Confirm that the instantaneous value is stable, then press **START** button.

When the indication changes from the blinking state to the lit state, measurement is complete.

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