


LAQUA

Quick Manual


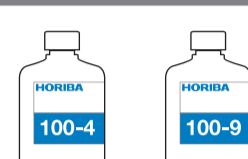

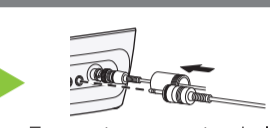
pH Meter F-72,73,74




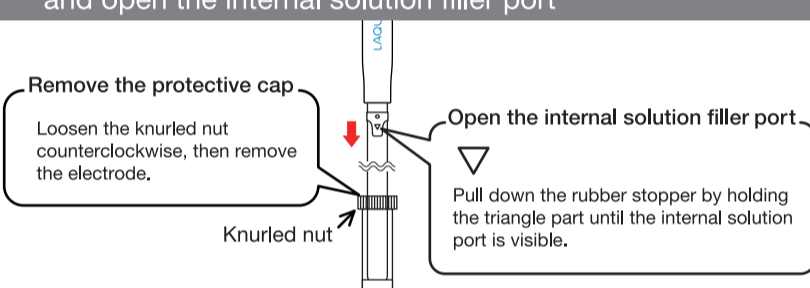
HORIBA
Scientific

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Preparation

- ① Prepare pH standard solutions
 

- ② Connect the electrode to the pH meter
 


Electrode terminal Temperature sensor terminal
- ③ 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.
- ④ Remove the protective cap from the electrode, and open the internal solution filler port
 

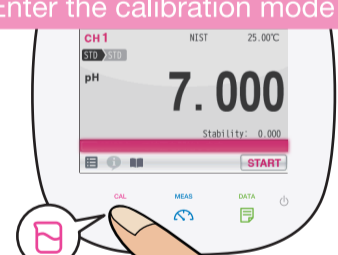
Remove the protective cap
Loosen the knurled nut counterclockwise, then remove the electrode.

Knurled nut


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.

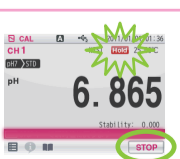
- ① Enter the calibration mode
 
- ② Start the first point calibration

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



To second point calibration with **STOP** button.
- ③ Start the second point calibration

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

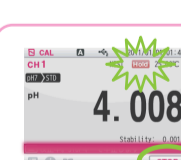


Confirm that the instantaneous value is stable, then press **START** button.

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

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.
- ④ Start the third point calibration

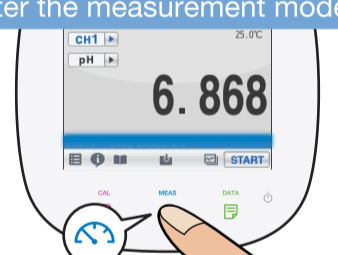
Immerse the electrode in the pH9 standard solution until the liquid junction part is fully submerged.




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

To measurement

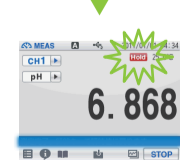
Measurement

- ① Enter the measurement mode
 
- ② 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 **Hold** indication changes from the blinking state to the lit state, measurement is complete.