



## Specification

- Range: 0.00-14.00pH
- Resolution: 0.01pH
- Accuracy:  $\pm 0.1$ pH
- Power supply: 2\*1.5V (LR44 Button Cell)
- Operating Temp: 0°C-60°C
- Calibration: One-Point or Two-point
- Automatic calibration available
- Dimension: 155mm\*31mm\*18mm
- N.W: 50g(1.7oz)



## Operation

1. Remove the protective cap and then Turn the meter on by pressing the “ON/OFF” Button
2. Immerse the pH meter electrode in the solution to be tested (can not be over the immersion line) and then stir gently to wait about 30 seconds till the reading stabilized.
3. After finished, clear the electrode with pure or distilled water, dry it with tissue, Turn the meter off by pressing the “ON/OFF” Button

**Note:** Advice to calibrate the meter before using, Please check the calibration chart.

### Usage Method

- 1 Take the cap off and then Press the “ON/OFF” Button
- 2 Check Reading
- 3 Replace the cap after cleaning the electrode

### Production Presentation

## Calibration

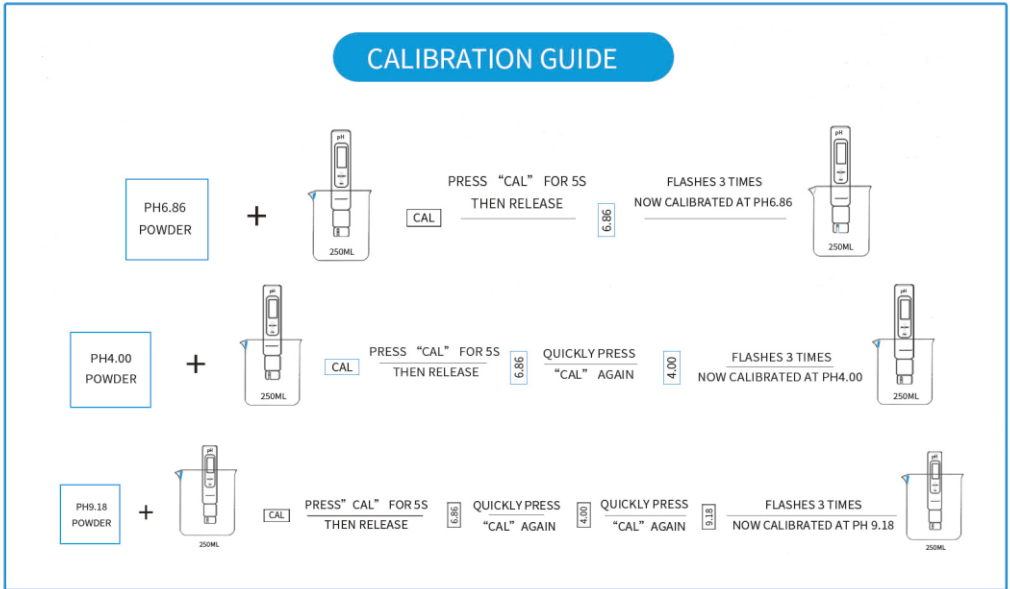
### I. One-point calibration (Only 6.86 point calibration, the accuracy is $\pm 0.1$ pH)

1. Dissolve the 6.86 buffer powder in 250ml of distilled water
2. Turn the meter on by pressing the “ON/OFF” button, Immerse electrode into the pH6.86 solution, Gently stir and wait for over 5 minutes.
3. Press the “CAL” Button to see the displaying number going to 5 then release, to find 6.86 calibration point Display will start flashing 6.86 and wait until the display stops flashing

## II. Two-point calibration (the 4.00 and 9.18 point calibration, the accuracy is : $\pm 0.02\text{pH}$ )

4.00 point calibration: Dissolve 4.00 buffer powder in 250ml of distilled water, immerse the electrode into PH4.00 solution Press CAL button to see displaying number going to 5 then release, Display will start flashing 6.86 then press and release immediately second time, Reading will start flashing 4.00, and wait until display stops flashing

9.18 point calibration : Dissolve 9.18 buffer powder in 250ml of distilled water, immerse the electrode into PH9.18 solution, Press CAL button to see displaying number going to 5 then release, Display will start flashing 6.86, then press and release immediately third time, Reading will start flashing 9.18 and wait until display stops flashing



## Display

CALIBRATION ON/OFF BUTTON



### ATTENTION!

- 1.If you calibrated the meter in air or wrong calibration solution, there will flash ERR on the screen, the meter will return to last step calibration.
- 2.If you have done all step as the manual, the meter still does not work, please contact us asap



## Maintenance

1. When the display value is fuzzy or unshown, the battery should be replaced promptly (Pay attention to the polarity of battery)
2. The instrument is warranted to the purchaser for a year from the date of purchase if during these periods, repair or replacement of the instrument is required, please return the instrument to either your dealer or to our office. The repair will be effected free of charge (Damage is not due to negligence or erroneous operation by the user)

**NOTE:** Please provide purchase invoice or proof before returning your instrument back