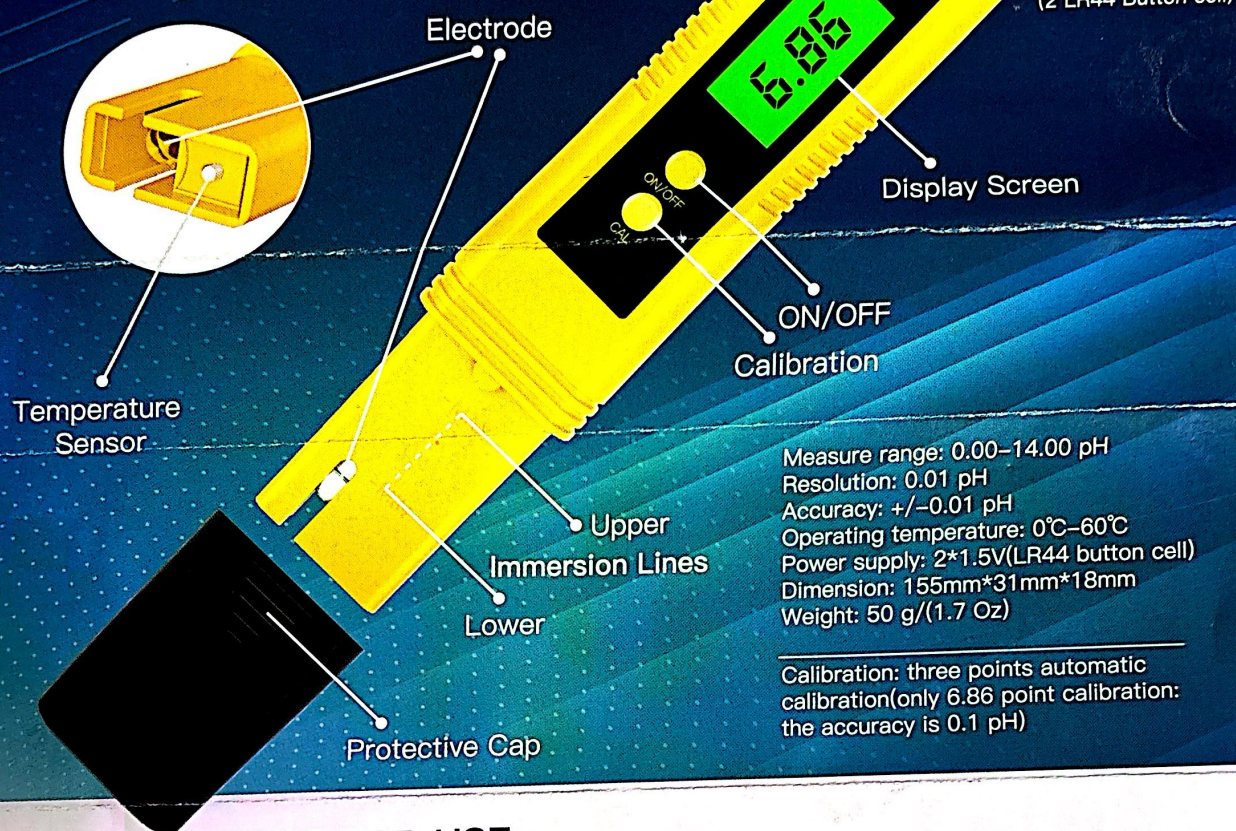


# MEXYBE

Making the complex simple



Measure range: 0.00–14.00 pH  
Resolution: 0.01 pH  
Accuracy:  $\pm 0.01$  pH  
Operating temperature: 0°C–60°C  
Power supply: 2\*1.5V(LR44 button cell)  
Dimension: 155mm\*31mm\*18mm  
Weight: 50 g/(1.7 Oz)

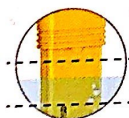
Calibration: three points automatic calibration(only 6.86 point calibration: the accuracy is 0.1 pH)

## INSTRUCTIONS FOR USE



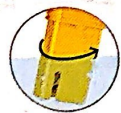
### 1. REMOVE

Remove the protective cap and press the **ON/OFF** button.



### 2. IMMERSE

Immerse the meter into the water between upper and down immersion line



### 3. STIR

Lightly stir the meter to remove any air bubbles



### 4. WAIT

Wait a while for the readings to stabilize



### 5. READ

Read the results before take the meter out of the water

## AFTER USE

1. Press the **ON/OFF** button once to turn off the meter
2. Rinse in clean water and shake off any excess
3. replace the protective cap

## FOR MORE ACCURATE RESULTS

### 1. Keep the electrodes clean

Clean the electrode of PH meter with distilled water before use, and blot the water with filter paper.

### 2. Reduce manual error

Take the average value of two tests.

### 3. Keep the ph meter accurate

Experts recommend recalibrating it 1 or 2 months after use.

## Maintenance:

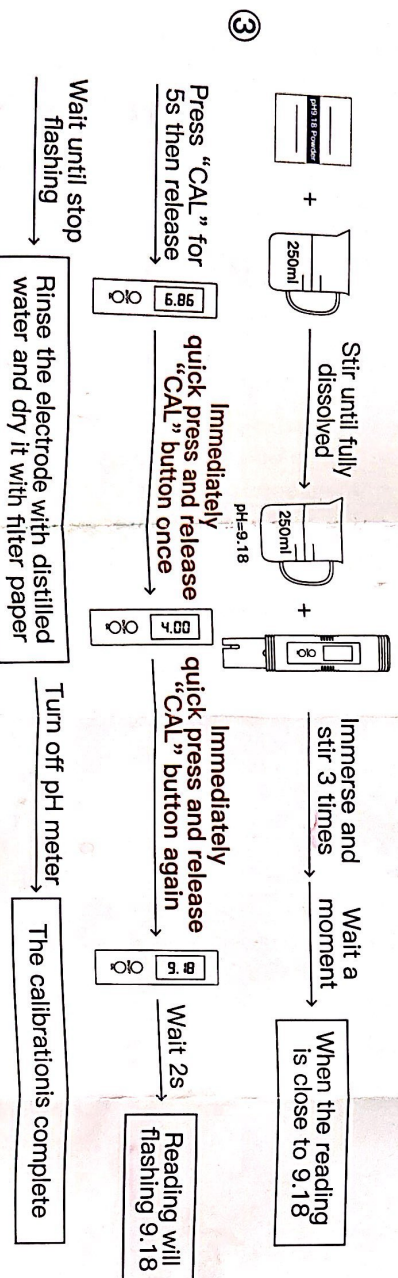
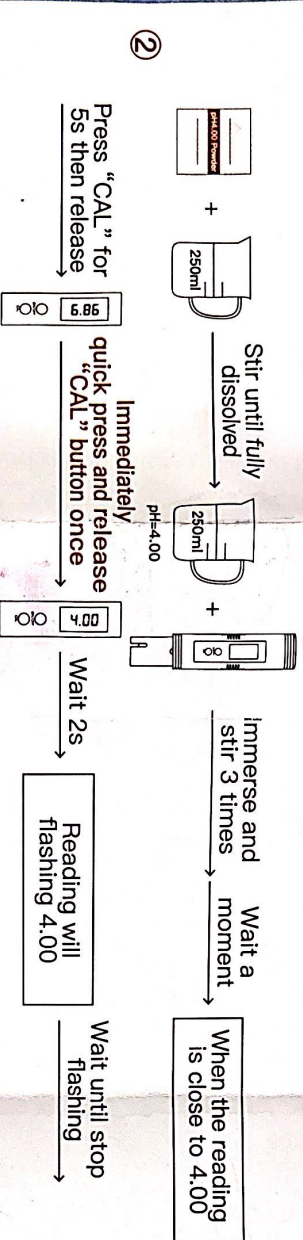
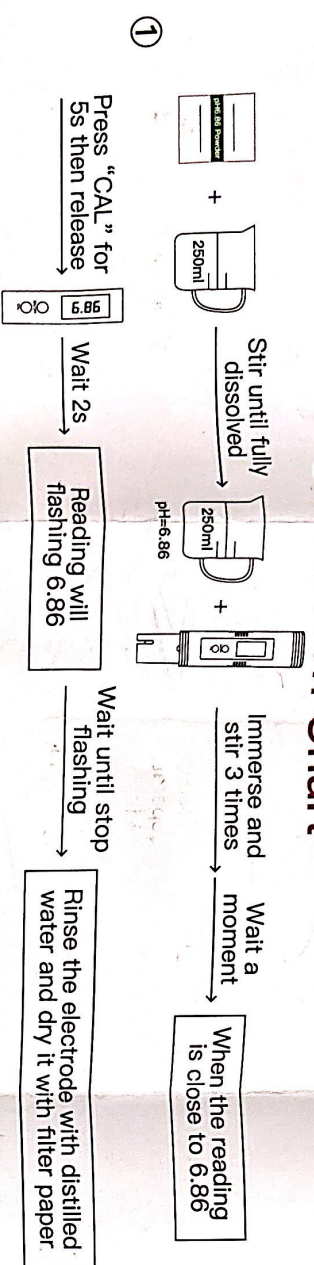
1. Always replace protective cap after using digital meter to keep electrode from drying out due to prolonged exposure to air, which leads to slow or unstable readings
2. If electrode has been dried out immerse it into distilled water for a few hours

## LowBatt:

When the display value is fuzzy or unshown, the battery should be replaced promptly.  
Pay attention to the polarity of battery.



## Calibration Chart



## Detailed Calibration Steps:

1. Prepare 4 cups of distilled water, including 3 cups of 250 ml each and 1 cup of 100 ml
2. Turn on the pH meter, dip the electrode into a cup of 100 ml distilled water, then wipe it dry with filter paper after 30 seconds
3. Dissolve each of the three packets of buffer solution completely in three separate cups of 250 ml distilled water (it must be exactly 250 ml of distilled water, and the solution must be fully dissolved).
4. Begin calibration with the 6.86 buffer. Refer to Calibration Chart ①
  - (1) Immerse the electrode into the pH 6.86 solution. (under the temperature 25)
  - (2) Lightly stir three times to remove any air bubbles
  - (3) Wait a moment until the reading is close to 6.86
  - (4) Press and hold the "CAL"(calibration) button for 5 seconds, then release.
  - (5) Reading show 6.86
  - (6) Just wait 2s and reading will start flashing 6.86
  - (7) Wait until the reading stops flashing
  - (8) Rinse the electrode with distilled water and dry it with filter paper
5. Begin calibration with the 4.00 buffer. Refer to Calibration Chart ②
  - (1) Immerse the electrode in pH 4.00 solution. (under the temperature of 25)
  - (2) Lightly stir three times to remove any air bubbles
  - (3) Wait a moment until the reading is close to 4.00
  - (4) Press and hold the "CAL"(calibration) button for 5 seconds, then release.
  - (5) Immediately quick press and release "CAL" button once
  - (6) Reading show 4.00
  - (7) Just wait 2s and reading will start flashing 4.00
  - (8) Wait until the reading stops flashing
  - (9) Rinse the electrode with distilled water and dry it with filter paper
6. Begin calibration with the 9.18 buffer. Refer to Calibration Chart ③
  - (1) Immerse the electrode in pH 9.18 solution (under the temperature of 25)
  - (2) Lightly stir three times to remove any air bubbles
  - (3) Wait a moment until the reading is close to 9.18
  - (4) Press and hold the "CAL"(calibration) button for 5 seconds, then release.
  - (5) Immediately quick press and release "CAL" button once, and then immediately quick press and release it again
  - (6) Reading show 9.18
  - (7) Just wait 2s and reading will start flashing 9.18
  - (8) Wait until the reading stops flashing
  - (9) Rinse the electrode with distilled water and dry it with filter paper
7. Turn off pH meter, the calibration is complete

### Note:

Recalibration is required in the following conditions

- Lengthy periods of inactivity
- Very frequent use
- The testing accuracy requirement is very high
- The "CAL"(calibration) button was pushed and electrode exposed to air for extended period of time