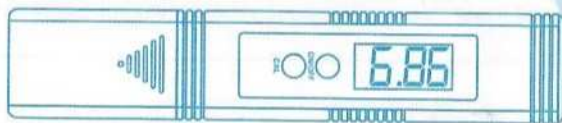


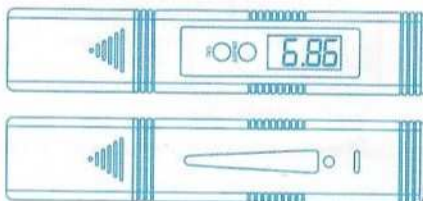
pH Meter

Range 0.00-14.00



Specification

- *Measure range: 0.00-14.00pH
- *Resolution: 0.01pH
- *Accuracy: +/-0.01pH
- *Power supply: 2*1.5V (LR44 Button cell)
- *Operating temperature: 0 C --60 C
- *Calibration: three points automatic calibration (only 6.86 point calibration: the accuracy is 0.1ph)
- *Dimension: 155mm*31mm*18mm
- *Weight: 50g/(1.70z)

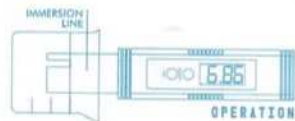


Operation

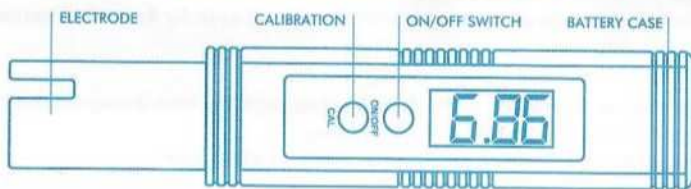
- 1.Remove the protective cap and protective film on the screen.
- 2.First rinse the electrode with distilled water, and suck it with filter paper.
- 3.Turn the meter on by pressing the "ON/OFF" key.
- 4.Immerse the pH meter electrode in the solution to be tested (can not be over the immersion line)
- 5.Stir gently and wait around 30 seconds till the reading stabilized.
- 6.After finished ,clear the electrode with pure water ,turn the meter off by pressing the "ON/OFF" key.
- 7.Always replace the protective cap after use.

Usage method

- ① Take off cap and press "ON/OFF" button
- ② Get reading
- ③ Replace the cap after cleaning the electrode



Product presentation



Calibration :

1. Turn on pH meter
2. Dissolve each buffer solution in 250 ml of distilled water
3. Immerse the electrode into the pH 6.86 solution (under the temperature of 25), wait until the display is stable.
4. Press the "CAL" (calibration) button for 5 seconds and release
-Display will start flashing 6.86
-Wait until the display stops flashing.
Rinse the electrode with distilled water and dry it with filter paper.

If you require support or have any questions, please contact us.

Step 2 : Calibration

If the required accuracy is $\pm 0.1\text{pH}$, please calibrate the pH meter at 6.86 point .

If the required accuracy is $\pm 0.01\text{pH}$, please calibrate the pH meter at three points (6.86&4.00&9.18).

Calibration chart

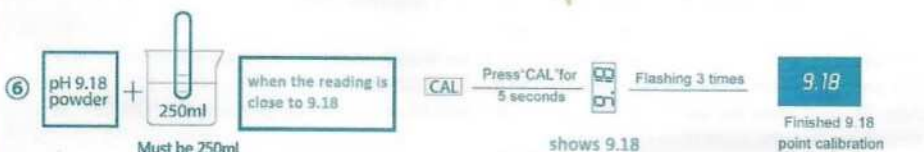
① Clean the electrode with distilled water and dry it.



③ Clean the electrode with distilled water and dry it.



⑤ Clean the electrode with distilled water and dry it.



⑦ Clean the electrode with distilled water and dry it - Replace the electrode protective cap.

Tips: Be sure to add water according to the required ratio, otherwise it will affect the accuracy of the calibration, and increase the error

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

Maintenance:

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.

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.

Attention :

If the meter can not enter into calibration step , usually that is electrode broken , please contact with your supplier.