VIVOSUN

pH Tester

USER MANUAL

Love what you grow™

Welcome to VIVOSUN

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

CONTENTS

SPECIFICATIONS

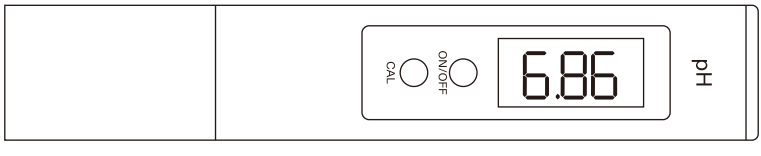
Range: 0.00-14.00pH	Calibration: One-point or Two-point or Three-point
Resolution: 0.01pH	Automatic Calibration Available
Accuracy: ±0.01pH	Dimension: 155mm* 31mm*18mm
Power Supply: 2*1.5V (LR44 Button Cell)	N.W: 50g(1.7oz)
Operating Temp: 0°C – 60°C	

OPERATION

1. Remove the protective cap and then turn the meter on by pressing the "ON/OFF" button.
2. Immerse the electrode of the pH Meter in the solution to be tested (DO NOT put the meter in the solution above the immersion line) and then stir gently to wait about 30 seconds until the reading stabilizes.
3. After use, clear the electrode with purified or distilled water, dry it with a microfiber cloth, and turn off the meter by pressing the "ON/OFF" button.
4. Calibrate the meter before use. Please refer to the calibration chart.

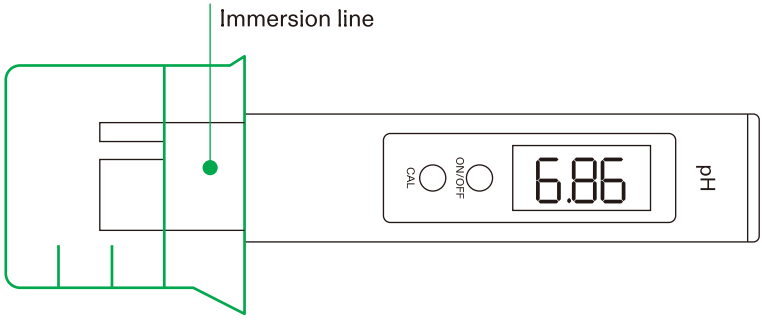
Usage

1. Take the cap off and then press the "ON/OFF" button

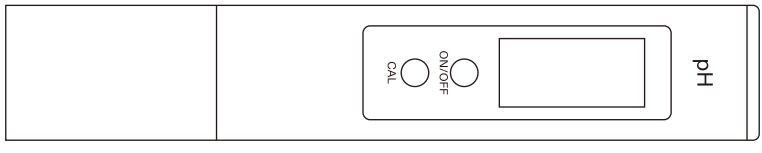


OPERATION

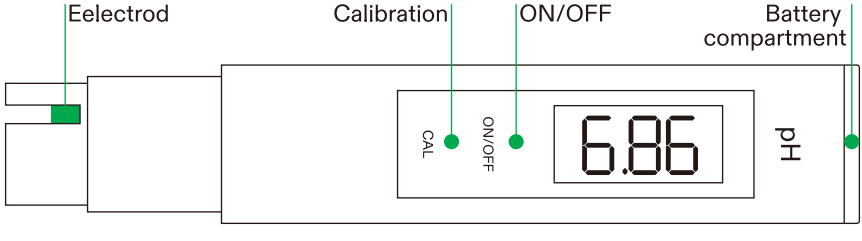
2. Check the reading



3. Replace the cap after cleaning the electrode



Product Presentation



CALIBRATION

One-point calibration (only 6.86 point calibration, the accuracy is ±0.1pH)

1. Dissolve the 6.86 buffer powder in 250ml distilled water.
2. Turn the meter on by pressing the "ON/OFF" button, immerse the electrode in the pH 6.86 solution, then gently stir and wait for about 5 minutes.
3. Press the "CAL" button to see the display number reach 5, then release. The display will start flashing 6.86; wait until the display stops flashing.

Two-point calibration (4.00/4.01 and 9.1 8 point calibrations, the accuracy is ±0.02pH)

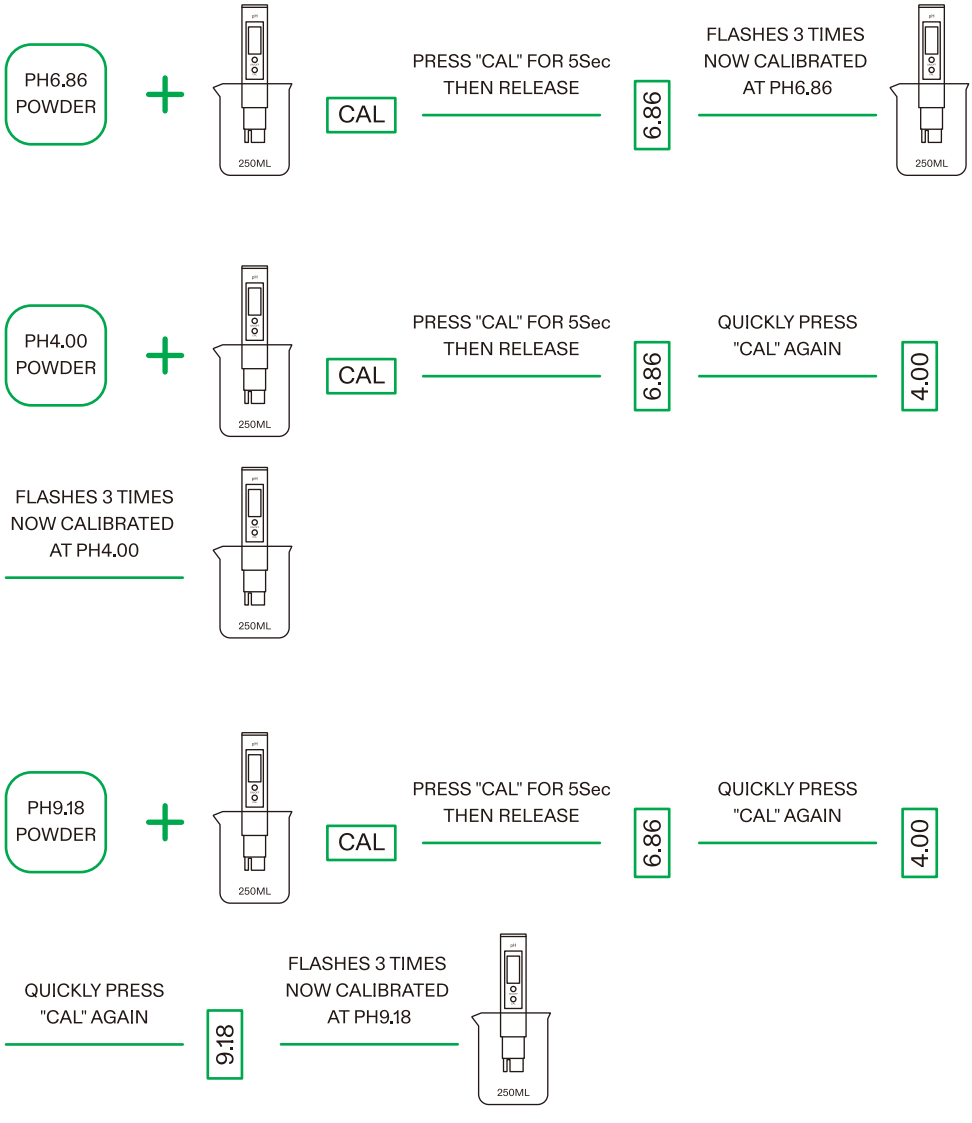
1. 4.00/4.01 point calibration: Dissolve 4.00/4.01 buffer powder in 250ml distilled water, then immerse the electrode in the pH4.00/4.01 solution. Press the "CAL" button until the display shows 5, then release. Display will start flashing 6.86. Press and release immediately for the second time. Display will start flashing 4.00/4.01, then wait until display stops flashing.
2. 9.18 point calibration: Dissolve 9.18 buffer powder in 250ml distilled water, then immerse the electrode in the pH9.18 solution. Press the "CAL" button to see displaying number reach to 5, then release the button. Display will start flashing 6.86. Press "CAL" button and release immediately for the second time. Display will start flashing 4.00/4.01. Press and release immediately for the third time. Display will start flashing 9.18, then wait until display stops flashing.

Three-point calibration (4.00/4.01,6.86 and 9.18 point calibrations, the accuracy is ±0.01pH)

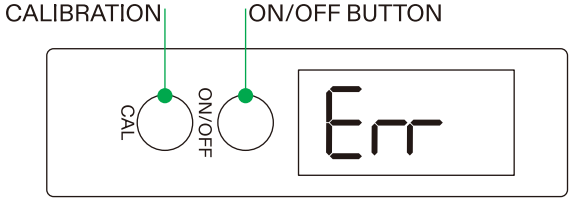
1. Just follow the steps of one-point calibration and two-point calibration.
2. If you do not need very accurate reading, one-point calibration is enough. Save the other two ph buffers to use next time. If you need very accurate reading, operate the two-point calibration or three-point calibration.

CALIBRATION

Calibration Guide



Display



ATTENTION

1. If you calibrate the meter in open air or with an incorrect calibration solution, the meter will flash ERR on the screen and display the number of your last test.
2. When testing purified water like spring water or drinking water, it will take longer for the readings to stabilize (typically 3-5 minutes) because there are very few ions left for the sensor to detect in those purified water.
3. If the solution is above the immersion line of the pH meter, the meter may be broken.
4. If you made a wrong operation accidently which caused the ph meter can not be calibrated, have a try to remove the batteries and reinstall, the calibration system may be restored.
5. If you have followed all the steps as indicated in the manual and the meter still does not work, please contact us as soon as possible.

NOTE

Recalibration is required under the following conditions:

1. Long periods of inactivity
2. Frequent use (if the meter is used frequently, please calibrate the meter every 10 days)
3. The test accuracy requirement is very high.
4. The "CAL" (calibration) button was pressed and the electrode was exposed to air for a long time.

MAINTENANCE

1. When the display value is fuzzy or not shown, the battery should be replaced immediately (Pay attention to the polarity of the battery)
2. Always replace the protective cap after using the digital meter to prevent the electrode from drying out due to prolonged exposure to air, which leads to slow or unstable readings.
3. If the electrode has been dried out, immerse it in distilled water for a few hours.

WARRANTY

The instrument is warranted for one year from the date of the purchase. If a repair or replacement is required during this period, please contact VIVOSUN customer service via Amazon. (Warranty does not cover damage caused by negligence or improper operation by the user).

Designed by VIVOSUN in California.

Made in China