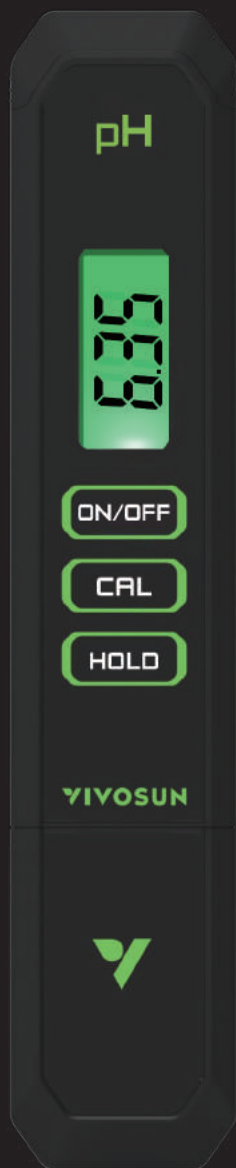


# VIVOSUN



## pH Tester

USER MANUAL

Love  
what  
you  
grow™

Welcome to **VIVOSUN**

At VIVOSUN, quality craftsmanship and innovation are at the core of every product we create. Should you require further support or wish to share any suggestions, please don't hesitate to contact us.

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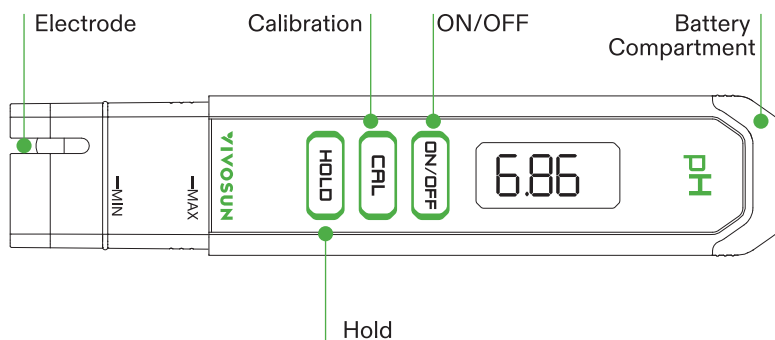
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# SPECIFICATIONS

Range: 0.00-14.00 pH	Calibration: One-point or Two-point or Three-point
Resolution: 0.01 pH	Auto Shutdown: 5 Mins (Backlight off: 60 Seconds)
Accuracy: $\pm 0.1$ pH	Dimensions: 159*32*17mm
Power Supply: 1*3V (CR2032 Button Cell)	N.W: 51g $\pm$ 5g (1.8oz)
Operating Temp: 0.1 - 80°C /32~176°F	
Factory Reset: When the device is in the powered-off state, press and hold the HOLD button, and then press the power button. After the device powers ON, it will be restored to factory settings.	
Memory Function: Values preserved after calibration, battery replacement, or power reconnection.	

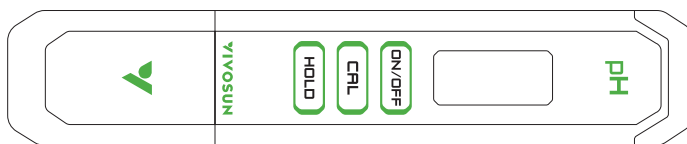
# OPERATION

## Product Anatomy



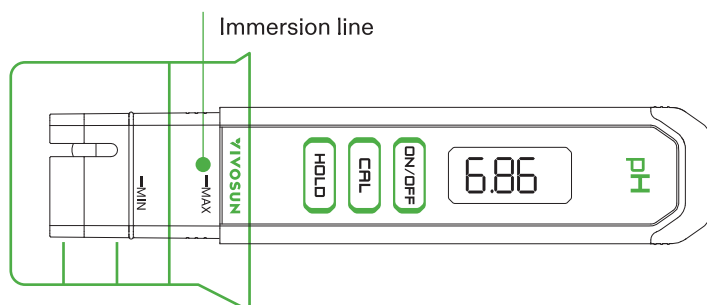
## Usage

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

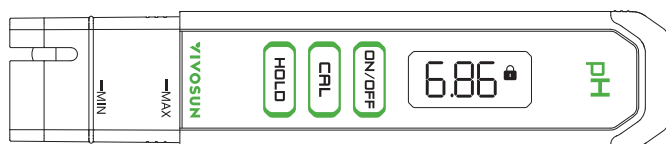


# OPERATION

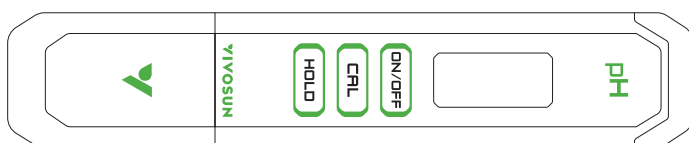
2. Check the reading



3. Hold



4. Replace the cap after cleaning the electrode



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. Wait about 30 seconds for the reading to stabilize.
3. Press the HOLD key. A lock sign appears on the display to lock the current value for easy reading.
4. After use, clean the electrode with purified or distilled water, dry it with a microfiber cloth, and turn off the meter by pressing the "ON/OFF" button.
5. Calibrate the meter before use. Please refer to the calibration chart.

# CALIBRATION

## Calibration Guide



Please scan the QR code to access the Calibration Instructions.



## One-point calibration (only 6.86 point calibration, accuracy of $\pm 0.1\text{pH}$ )

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 until the reading stabilizes.
3. Press and hold the CAL button until CAL appears on the display screen, and then release. The display will start flashing 6.86; then wait until the display stops flashing.

# CALIBRATION

## Two-point calibration (4.00 and 9.18 point calibrations, accuracy of $\pm 0.02\text{pH}$ )

1. 4.00 point calibration: Dissolve the 4.00 buffer powder in 250ml distilled water. Turn the meter on by pressing the "ON/OFF" button, immerse the electrode in the pH 4.00 solution, then gently stir and wait until the reading stabilizes. Press and hold the CAL button until CAL appears on the display screen, then release. The display will start flashing 4.00; then wait until the display stops flashing.
2. 9.18 point calibration: Dissolve the 9.18 buffer powder in 250ml distilled water. Turn the meter on by pressing the "ON/OFF" button, immerse the electrode in the pH9.18 solution, then gently stir and wait until the reading stabilizes. Press and hold the CAL button until CAL appears on the display screen, then release. The display will start flashing 9.18; then wait until the display stops flashing.

## Three-point calibration (4.00, 6.86 and 9.18 point calibrations, accuracy of $\pm 0.01\text{pH}$ )

1. Simply follow the steps of one-point calibration and two-point calibration.
2. For approximate measurements, a one-point calibration of the device is sufficient. Retain the unused pH buffer solutions for future use. For highly accurate readings, perform either a two-point or three-point calibration process using all provided pH buffer solutions.

Note: Switching to different calibration solutions requires rinsing the probe with water to prevent contamination from standard solutions.

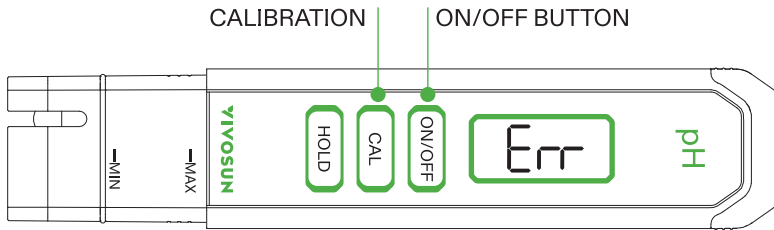
## NOTE

Recalibration is required under the following conditions:

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

# NOTE

## Display



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 liquids.
3. Submerging the pH meter above the immersion line can result in damage to the meter.
4. If you accidentally performed an incorrect operation that prevents pH meter calibration, try removing the batteries and then reinstalling them. This may restore the calibration system.
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.

# 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 air exposure, which may lead to slow or unstable readings.
3. If the electrode has been dried out, immerse it in distilled water for a few hours.



# WARRANTY

VIVOSUN provides a one-year warranty against defects on pH Testers purchased directly from us or through our authorized dealers. This policy serves as our commitment to promptly address any manufacturing defects or premature breakage that may occur during normal use of our products.

Our warranty covers the replacement or refund of purchases that exhibit material defects within one year of the original purchase date. In such events, customers may contact us to initiate the claim process. We will need proof of purchase to verify coverage eligibility.

This policy does not extend to products that have been misused, abused, or purposefully damaged. It also does not cover normal wear and tear or cosmetic defects such as minor scratches.

Customers can rest assured knowing that our products undergo rigorous quality testing procedures. This one-year warranty reflects our confidence in the durability of our products under normal use.



If any product defects are found, customers are encouraged to contact us immediately. Your satisfaction is our priority, and we are committed to resolving any issues in a professional and timely manner.

Designed by **VIVOSUN** in California.

Made in China