

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- > [Veroyi](#) /
- > [Veroyi ST02 3-in-1 Soil Meter Instruction Manual](#)

## Veroyi ST02

# Veroyi ST02 3-in-1 Soil Meter Instruction Manual

Model: ST02 | Brand: Veroyi

## INTRODUCTION

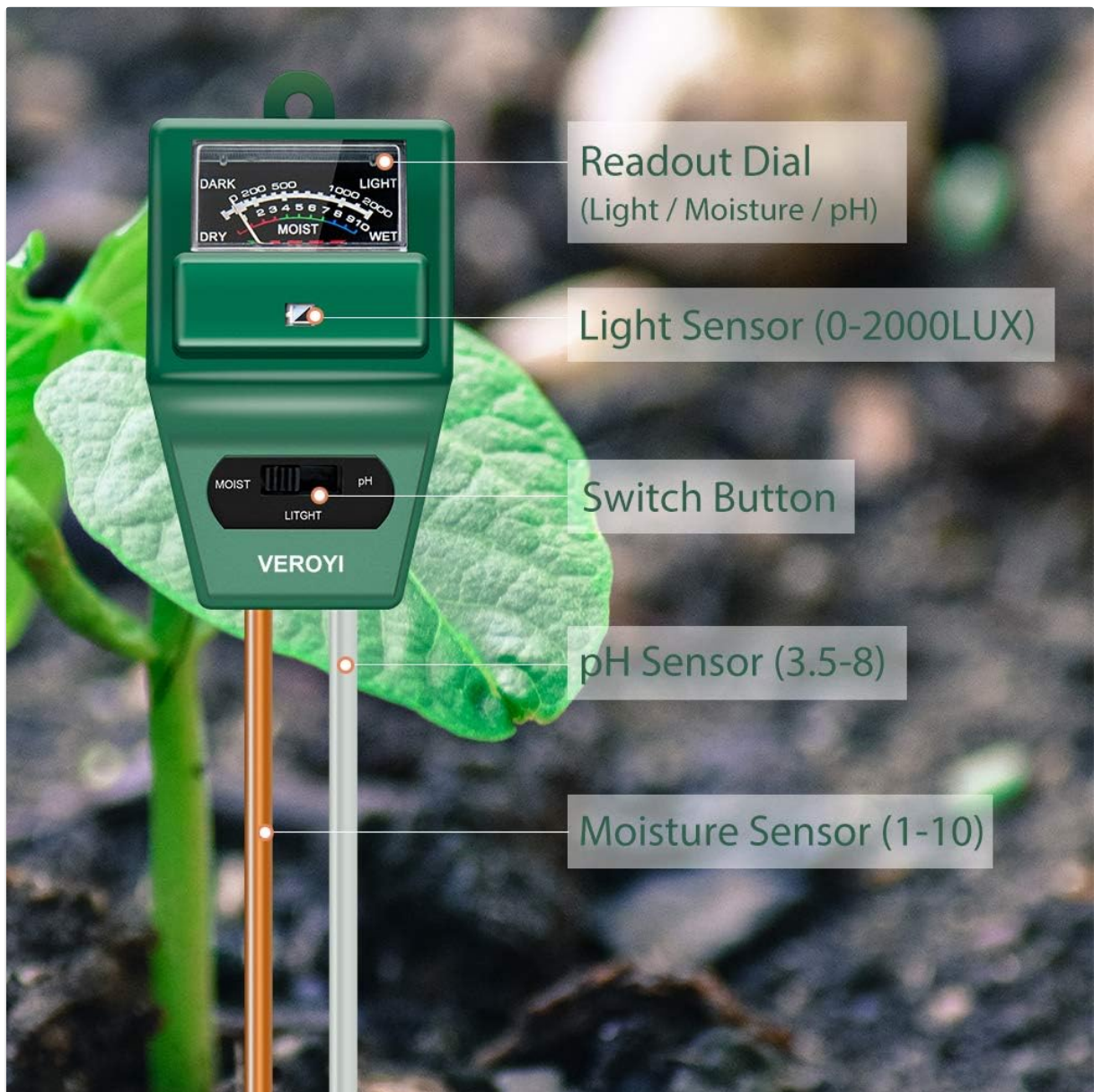
---

The Veroyi ST02 3-in-1 Soil Meter is designed to assist in maintaining optimal plant health by monitoring three crucial soil conditions: moisture, pH level, and light intensity. This device is suitable for various environments, including home gardens, lawns, farms, and both indoor and outdoor plants. It operates without batteries, offering a simple and efficient way to understand your plant's needs.

## PRODUCT OVERVIEW

---

The ST02 soil meter integrates three functions into a single, easy-to-use device. It features a readout dial, a light sensor, a switch button for selecting measurement modes, and two probes for detecting pH and moisture levels.



**Image:** Diagram of the Veroyi ST02 3-in-1 Soil Meter, highlighting its key components: the readout dial for light, moisture, and pH; the light sensor (0-2000 LUX); the switch button to select modes; the pH sensor (3.5-8); and the moisture sensor (1-10).

### Key Features:

- **Multi-functional 3-in-1 Design:** Monitors soil moisture, pH value, and daily sunlight levels.
- **Simple Operation:** No batteries or external power supply required.
- **Dual-Probe Technology:** Enhances accuracy and speed for moisture and pH detection.
- **Compact and Portable:** Lightweight design suitable for both indoor and outdoor use.



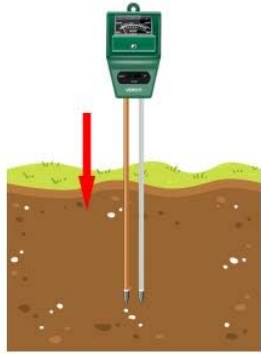
**Image:** The Veroyi ST02 3-in-1 Soil Meter inserted into soil near a plant, visually representing its capabilities to monitor soil moisture, help control pH value, and determine if the plant receives sufficient sunlight.

## OPERATING INSTRUCTIONS

Follow these steps for accurate readings of soil conditions:

1. **Insert the Probe:** Gently insert the probe into the soil about 3-5 inches (8-12 cm) deep. Ensure the probes are fully embedded for accurate contact with the soil.
2. **Adjust Position:** Adjust the position of the probe slightly until the pointer on the dial swings. This indicates proper contact.
3. **Select Function:** Toggle the switch button to the desired measurement mode: **MOIST** for moisture, **LIGHT** for light intensity, or **pH** for soil acidity/alkalinity.
4. **Read Measurement:** Wait approximately 10 minutes for the reading to stabilize. Read the value indicated by the pointer on the dial.
5. **Remove and Clean:** After each use, remove the probe from the soil and wipe it clean with a cloth to prevent corrosion and ensure longevity.

# HOW TO USE



**1** Stick the probe into the soil about 2-4 inches



**2** Adjust the position of the probe until the pointer on the dial swings slightly



10 minutes

**3** Check moisture/pH/light level in the dial after 10 minutes



**4** Remove probe from soil and wipe clean after each use

**Image:** A visual guide demonstrating the four steps for using the Veroyi ST02 3-in-1 Soil Meter: 1. Insert the probe 2-4 inches into the soil. 2. Adjust the probe until the dial pointer moves slightly. 3. Wait 10 minutes, then read the moisture/pH/light level. 4. Remove and clean the probe after use.

## IMPORTANT CONSIDERATIONS AND PRECAUTIONS

- This soil pH tester is designed exclusively for testing soil pH levels. **Do not use it to test pH values for water or other liquids.**
- Avoid using the meter in strong acidic or alkaline soil types, as this may affect its accuracy and functionality. The meter is calibrated for soil pH values typically close to a neutral state (between 7 and 8).
- Do not force the probe into hard soil or soil containing large stones, as this can damage the probes.
- Do not leave the meter in the soil for extended periods. Remove it after taking a reading.
- Ensure the probes are clean and dry before storage to prevent corrosion.

## MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your Veroyi ST02 Soil Meter:

- **Cleaning:** Always wipe the probes clean with a soft cloth after each use. Remove any soil residue or moisture.

- **Storage:** Store the meter in a cool, dry place, away from direct sunlight and extreme temperatures. Keep the probes protected to avoid bending or damage.
- **Avoid Water Immersion:** Do not immerse the main body of the meter in water. Only the probes are designed for soil contact.

## TROUBLESHOOTING

---

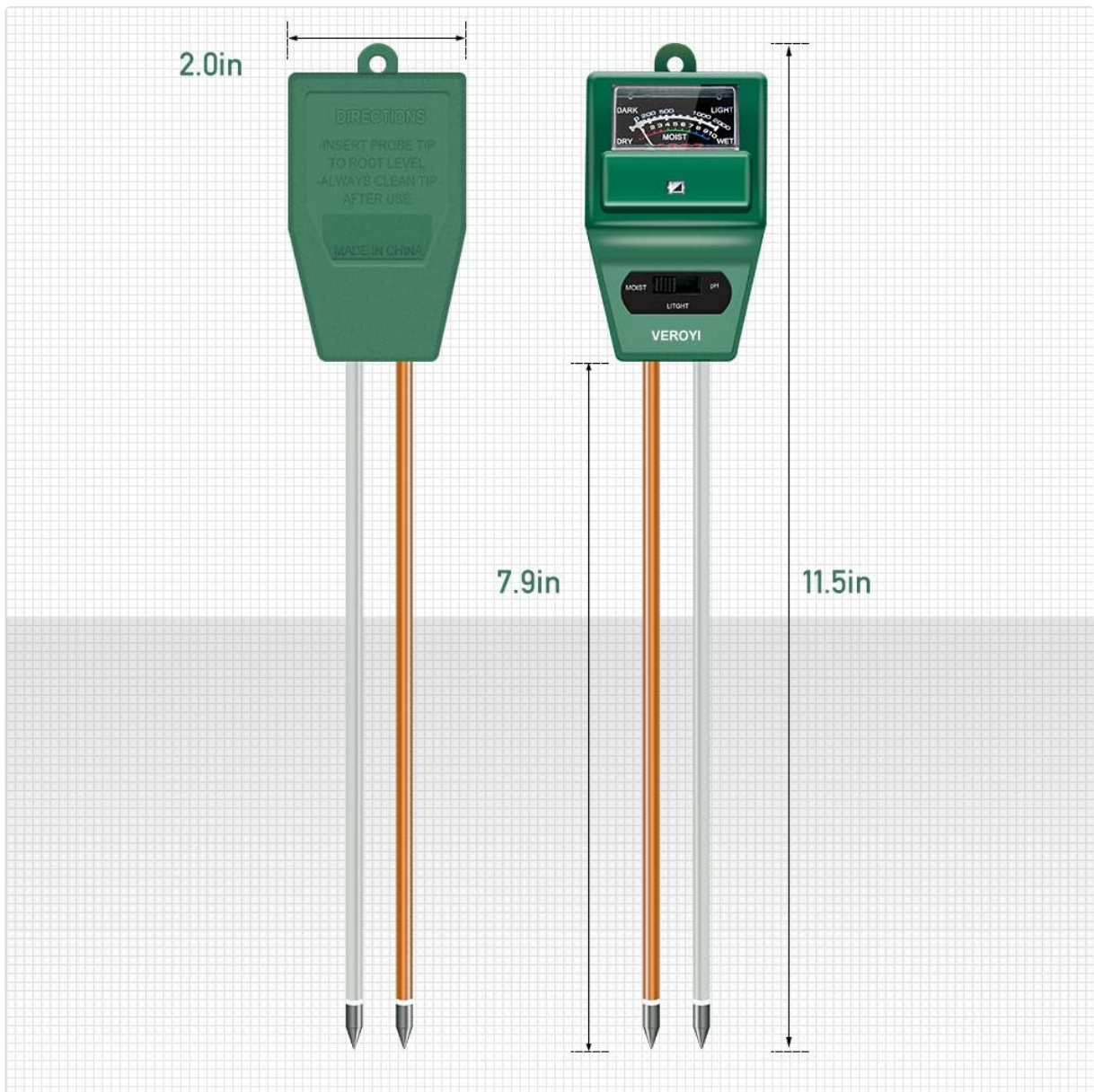
If you encounter issues with your soil meter, consider the following:

- **No Needle Movement or Inaccurate Readings:**
  - Ensure the probes are inserted deep enough (3-5 inches) and have good contact with the soil.
  - Check if the soil is too dry. Very dry soil may not provide enough conductivity for a reading. Moisten the soil slightly and retest.
  - Clean the probes thoroughly. Residue can interfere with readings.
  - For pH readings, ensure the soil is moist. Dry soil will not yield an accurate pH measurement.
- **Difficulty Switching Modes:**
  - Ensure the switch button is free of dirt or debris.
  - If the switch feels stiff, gently try to move it back and forth. Avoid excessive force.
- **Light Meter Not Responding:**
  - Ensure the light sensor is not obstructed.
  - The light meter measures current light intensity; it does not record light over time.

## SPECIFICATIONS

---

Feature	Detail
Model Number	ST02
Functions	Moisture, pH, Light
pH Range	3.5 - 8 pH (Acidic to Alkaline)
Moisture Range	1 - 10 (Dry to Wet)
Light Range	0 - 2000 LUX (Dark to Light)
Dimensions	11.61 x 2.09 x 1.46 inches (approx.)
Item Weight	2.82 ounces
Power Source	No batteries required



**Image:** A diagram illustrating the physical dimensions of the Veroyi ST02 3-in-1 Soil Meter, indicating a total length of 11.5 inches and a width of 2.0 inches for the main display unit.

## WARRANTY AND SUPPORT

For warranty information or technical support regarding your Veroyi ST02 3-in-1 Soil Meter, please refer to the contact details provided with your product packaging or visit the official Veroyi website. Keep your purchase receipt for any warranty claims.