



# 3 in 1 Soil Tester



ON  
OFF

【ON/OFF】 Button:  
short press, power ON/OFF

HOLD  
TEMP

【HOLD/TEMP】 Button:  
short press, data lock, the upper left corner of the screen displays  $\text{℃/°F}$  temperature unit conversion.

MODE  
CAL

【MODE/CAL】 Button:  
short press, function conversion. Long press to enter calibration mode.

Operation page: Each time the soil tester is turned on, the last operation interface is displayed.

## Operation steps

1. Press the "ON/OFF" button to turn on the machine.
2. Insert the electrode vertically into the soil to be tested (the probe must be fully inserted into the soil).
3. Wait for the value to be read. It is recommended to measure multiple times and take the average value.
4. After use, turn off the instrument, clean the electrode and save it.

\*The product has been calibrated before leaving the factory. Please use it directly without calibration. If the data is inaccurate after long-term use and the electrode is aged, please purchase a standard solution for calibration or replace the electrode!

## Product parameters

Model : ST-06

Measurement range : EC: 0.01–20.00ms/cm

Humidity: 0.1%–99.9%

Temperature:  $-30^{\circ}\text{C}$ – $80^{\circ}\text{C}$ ,  $-22^{\circ}\text{F}$ – $176^{\circ}\text{F}$

EC calibration : supports 1413us/cm calibration

Humidity calibration : cannot be calibrated (calibrated before leaving the factory)

Battery : 4\*1.5V(LR44)

Product size : 211mm\*40mm\*27mm

Backlight : supports backlight

Probe : replaceable

Scope of application : greenhouse/rice/vegetables/orchard/flowers/soil research, etc.

## Calibration steps

1. After turning on the machine, place the electrode in a 1413us/cm standard solution and shake it gently. Let it stand and wait for the value to stabilize.
2. Long press the "CAL" key, and the "CAL" value will flash to enter the calibration mode.
3. The screen will start flashing with 1.41, and will display 1.41 after successful calibration. It will display "Err" if calibration fails.

## Notes

1. During the test, the probe must be fully in contact with the soil, and the entire probe must be fully inserted into the soil.
2. When using, pay attention to avoid stones and sand, and do not use too much force, otherwise it is easy to damage the electrode. After use, wipe and clean the electrode in time.
3. During calibration, the entire probe is fully immersed in the solution, and the probe cannot touch the bottom and side of the container.
4. After use, clean the electrode and store it dry.