

四折 60+90→240+90

Soil Tester Sensor

Zigbee3.0 / WiFi / Bluetooth



Welcome to buy and use this product, please read the manual carefully!

The Tuya Soil Tester Sensor is a powerful, accurate and reliable soil environment monitoring device designed to meet the needs of soil data monitoring in home gardening, small farms, scientific research and teaching scenarios. Through advanced sensing technology, it can quickly and accurately measure a number of key soil parameters, providing powerful data support for scientific planting, rational fertilization and soil environment research.

Product Parameters:

Product name: Soil Tester Sensor
Wireless connection: Zigbee3.0 / WiFi / Bluetooth
Humidity measurement range: 0 ~ 100%
Temperature measurement range: -20 C ~ 60 C
Humidity measurement accuracy: ± 10%
Temperature measurement accuracy: ±1 C
APP data response time: 60 seconds
Battery: AAA*2 (not included)
Product material: PC+ABS
Product dimension:
31.5*20*176mm/1.24*0.79*6.93in

Connecting device with Configuration:

> Power Supply Connection

Powered by AAA*2 batteries, open the battery compartment cover on the back of the sensor, load the batteries correctly according to the positive and negative markings, and then cover the battery compartment lid.

> Device Connection

Zigbee3.0 / WiFi / Bluetooth connection, Support iOS and Android system.

Download APP

Scan the QR code below to download or search "Tuya Smart" or "Smart Life" in the app store to download and install, complete the registration and log in to your account.



Zigbee Connection:

1. Prerequisites
Operates and is compatible with Zigbee smart gateway Settings.
Zigbee Smart Gateway Open the Smart Life app and tap Zigbee Gateway, tap Add Subdevice, then select a Soil Tester Sensor or other sensor and follow the on-screen instructions to continue.
2. Make sure your cell phone is connected to the Wi-Fi network, the soil tester sensor is as close as possible to the Zigbee smart gateway, long press the reset button of the soil tester sensor for 6 seconds, the LED indicator will flash rapidly, then enter the automatic networking mode, follow the prompts to operate.

Note:
Zigbee version needs to be used with Tuya Zigbee gateway.

WiFi Connection:

1. Connect your cell phone Wi-Fi (2.4G signal)
2. Enter the power distribution state (long press the reset button for about 6 seconds, the LED light flashes rapidly).
3. Open APP, click "Add Device".

4. Find the device, click "Add", wait for the device to be added.
5. To show the completion of adding, click "Next", and then click "Finish".

Bluetooth Connection:

1. Turn on your cell phone Bluetooth
2. Connect the cell phone Wi-Fi (2.4G signal)
3. Enter the power distribution state (long press the reset button for about 6 seconds, the LED light blinks rapidly).
4. Open APP, click "Add Device".
5. Find the device, click "Add", wait for the device to be added.
6. To show the completion of adding, click "Next", and then click "Finish".

Preparation before use:

1. Please clean the outer surface of the soil tester sensor first.
2. Insert the soil tester sensor no less than 2/3 of the way into the ground to ensure maximum exposure to the top of the device.

3. Check whether there is water on the Soil Tester Sensor
4. Please insert it into the soil and take a reading after 1~2 minutes



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Soil Tester Sensor at least 2/3 of the ground and check for water

Reset:

Reset button
(Long press for 6 seconds)



AAA*2
(not included)



Precautions:

1. Avoid hard objects collision:
During installation and use, pay attention to avoid collision between the sensor and hard objects such as stones and metals, so as not to damage the electrode or internal circuit.
2. Regular cleaning and maintenance:
Regularly remove the sensor from the soil, use a clean damp cloth to wipe the surface of the electrodes and housing to remove the attached soil, impurities, etc. Avoid scraping the sensor surface with sharp objects to avoid affecting the measurement accuracy. Be careful not to soak the sensor in water for cleaning, after cleaning, wait until the sensor surface is completely dry before reinserting it into the soil for use.
3. Battery Replacement:
When using lithium battery power supply, if the APP indicates that the battery power is too low, please replace the battery in time.