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> XLUX Soil Moisture Meter, Plant Water Monitor, Hygrometer Sensor for Gardening, Farming, Indoor and Outdoor Plants, No Batteries Required 1 26CM

XLUX T10

XLUX Soil Moisture Meter User Manual

Model: T10

1. INTRODUCTION

The XLUX Soil Moisture Meter is an essential tool for any plant enthusiast, gardener, or farmer. It provides accurate, immediate readings of soil moisture levels, helping you prevent both overwatering and underwatering. This device operates without batteries, making it a reliable and low-maintenance solution for plant care.



Figure 1: XLUX Soil Moisture Meter and Packaging

2. PRODUCT OVERVIEW

The XLUX Soil Moisture Meter consists of a durable probe and an easy-to-read dial. The dial features a color-coded system to indicate moisture levels: DRY (red), MOIST (green), and WET (blue).



Figure 2: Close-up of Meter Dial and Probe Tip

3. SETUP

The XLUX Soil Moisture Meter requires no assembly or batteries. It is ready for use directly out of the packaging.

4. OPERATING INSTRUCTIONS

Follow these simple steps to accurately measure soil moisture:

1. **Step 1: Insert the Probe:** Gently insert the metal probe into the soil, approximately 2-5 inches deep, or about 2/3 of the probe's length. Ensure the probe is inserted into the root zone of the plant.

2. **Step 2: Adjust and Wait:** Adjust the probe until the pointer on the dial swings slightly. The meter provides an immediate reading.
3. **Step 3: Read the Moisture Level:** Observe the dial to determine the moisture level. The dial is divided into three zones: DRY (1-3), MOIST (4-7), and WET (8-10).
4. **Step 4: Remove and Clean:** After taking the reading, remove the probe from the soil and wipe it clean with a cloth. Do not leave the meter in the soil for extended periods.



Step 1: Insert the probe into the soil about 2–5 inches

Step 2: Adjust the probe until the pointer swing slightly

Step 3: Note moisture value in the dial after reading stabilizes

Step 4: Remove the probe from soil and wipe clean after use

Figure 3: Step-by-Step Usage Guide



Figure 4: Inserting Probe and Instant Reading

5. READING THE DISPLAY

The large, easy-to-read dial provides clear moisture indications:

- **DRY (Red Zone, 1-3):** Indicates the soil is dry and the plant likely needs watering.
- **MOIST (Green Zone, 4-7):** Indicates the soil has adequate moisture. Most plants thrive in this range.
- **WET (Blue Zone, 8-10):** Indicates the soil is very wet. Avoid watering to prevent root rot.

6. USAGE PRECAUTIONS

To ensure the longevity and accuracy of your XLUX Soil Moisture Meter, please observe the following precautions:

- Do not use the meter to test water or other liquids directly. It is designed for soil moisture only.
- Avoid inserting the probe into very hard soil or striking rocks, as this can damage the probe tip.
- Do not leave the meter in the soil for more than 5 minutes after taking a reading, as prolonged exposure can lead to corrosion of the metal tip.
- The single-probe design minimizes damage to plant roots compared to multi-probe meters.



Figure 5: Important Usage Precautions

7. MAINTENANCE

Proper maintenance will extend the life of your moisture meter:

- Always wipe the probe clean and dry after each use to prevent corrosion and ensure accurate future readings.
- Store the meter in a dry place when not in use.



Figure 6: Cleaning the Probe

8. TROUBLESHOOTING

If you encounter issues with your XLUX Soil Moisture Meter, refer to the table below:

Problem	Possible Cause	Solution
Meter reading is consistently low or 'DRY' despite recent watering.	Probe not inserted deep enough; soil is too compacted; probe tip is dirty.	Ensure probe is inserted into the root zone (2-5 inches deep). Loosen compacted soil if necessary. Clean the probe tip thoroughly after each use.
Meter reading does not change or is stuck.	Probe not making good contact with soil; soil is extremely dry or hard; meter is damaged.	Re-insert the probe, ensuring it is firmly in the soil. If soil is too dry, water lightly and retest. If soil is too hard, do not force the probe. If issues persist after cleaning and proper insertion, the meter may be damaged.
Inconsistent readings.	Probe tip is not clean; air pockets in the soil; testing different spots.	Always clean the probe tip before each new test. Ensure the soil is settled around the probe. Test in multiple locations around the plant for a comprehensive understanding.

9. SPECIFICATIONS

Feature	Detail
Brand	XLUX
Model Number	T10
Color	Green
Product Dimensions	2.36"W x 10.24"H (6cm W x 26cm H)
Probe Length	Approx. 7 inches (17.5 cm)
Battery Requirement	No batteries required
Measurement Range	1 (Dry) - 10 (Wet)
Item Weight	2.46 ounces (approx. 70g)
Manufacturer	IAGtek

Feature	Detail
Country of Origin	China



Figure 7: Product Dimensions

10. WARRANTY AND SUPPORT

Specific warranty information for the XLUX Soil Moisture Meter is not provided in this manual. For details regarding warranty, returns, or technical support, please refer to the product packaging or contact XLUX customer service directly through their official website or the retailer from whom the product was purchased.

