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## TOPTES TS-630

# TopTes Digital Moisture Meter TS-630 User Manual

Brand: TOPTES | Model: TS-630

## 1. PRODUCT OVERVIEW

The TopTes Digital Moisture Meter TS-630 is a handheld humidity tester designed for accurate moisture measurement in various materials, including wood and building materials like drywall. It features a large 2.25-inch LCD display with a tricolor backlight for easy interpretation of moisture levels. This device is an essential tool for woodworking, water damage restoration, building construction, and home renovation, helping users quickly assess dampness and determine necessary remediation.



*Image: TopTes TS-630 Digital Moisture Meter, showing its compact design and clear display.*

## 2. WHAT'S IN THE BOX

Upon unboxing your TopTes TS-630 Moisture Meter, verify that all components are present:

- One TS-630 Moisture Meter
- Three AAA Batteries (included)
- One User Manual
- One Carry Pouch
- One Pair of Test Pins (replacement)
- One Mini Wrench



## What You Get

- 1x TS-630 Moisture Meter •
- 2x Replaced Pins •
- 3x AAA Batteries •
- 1x User Manual •
- 1x Mini Wrench •
- 1x Carry Pouch •

Image: All items included in the TopTes TS-630 Moisture Meter package.

Video: An unboxing demonstration of the TopTes TS-630 Wood Moisture Meter, showing the contents and initial setup.

## 3. SETUP

### 3.1. Battery Installation

The TopTes TS-630 requires three AAA batteries for operation. These are typically included in the package. To install or replace batteries:

1. Locate the battery compartment on the back of the device.
2. Open the battery cover.
3. Insert three AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

### 3.2. Probe Protection Cap

The meter comes with a protective cap covering the measurement pins. Remove this cap before taking measurements. The cap can be placed on the top of the meter during use to prevent loss.

## 4. OPERATING INSTRUCTIONS

### 4.1. Power On/Off

Press the **Power** button (🔌) to turn the device on. The meter will automatically shut off after 10 minutes of non-use to conserve battery life.

## 4.2. Display Features

The 2.25-inch LCD screen displays moisture readings, ambient temperature, and relative humidity. The tricolor backlight changes based on the moisture level:

- **Green Backlight:** Indicates low moisture (Dry).
- **Orange Backlight:** Indicates middle moisture (Moist).
- **Red Backlight:** Indicates high moisture (Wet).

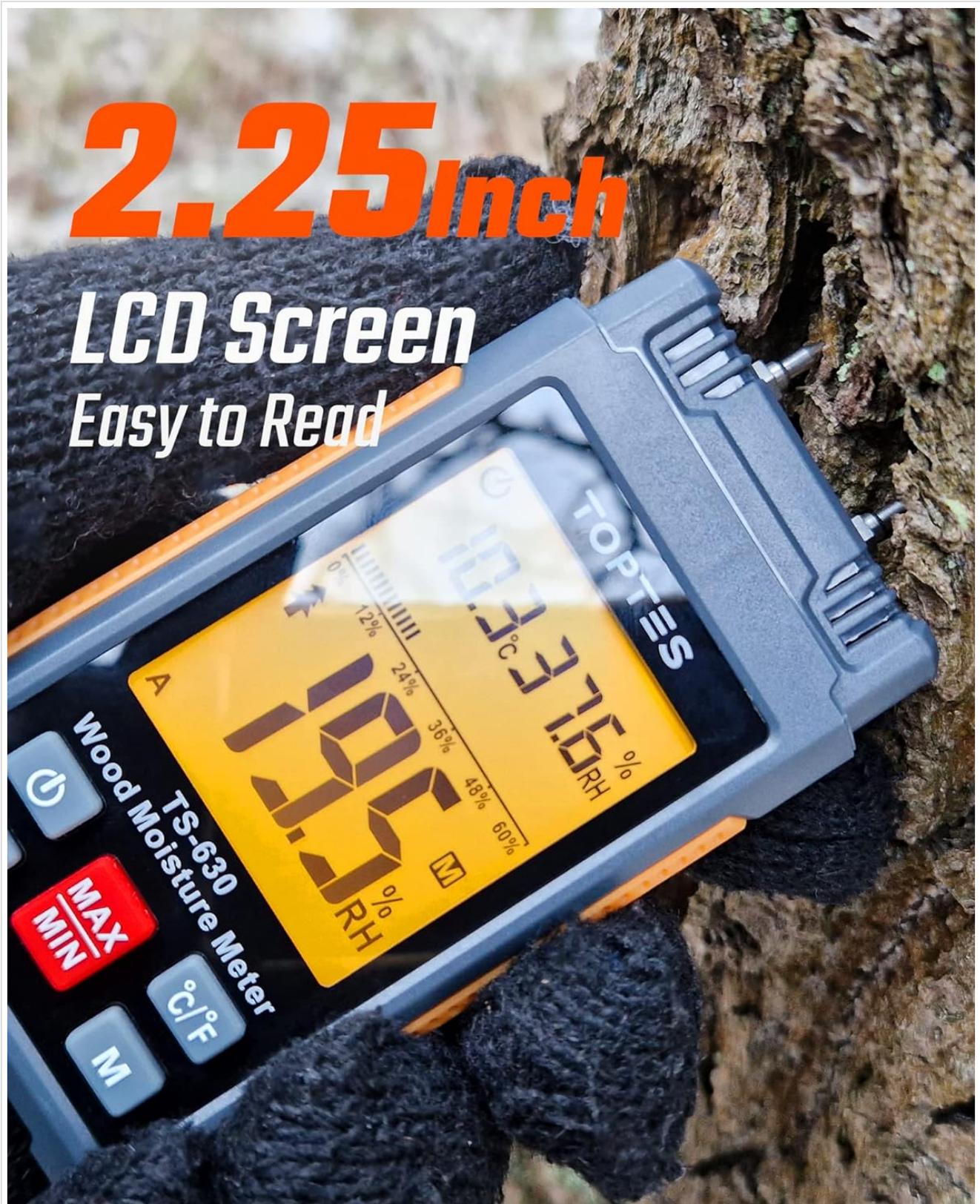


Image: Close-up of the 2.25-inch LCD screen, showing clear digital readings.



Image: Three TopTes meters demonstrating the green, orange, and red backlight indicators for different moisture levels.

Video: A short demonstration of the TopTes Digital Moisture Meter TS-630's tricolor backlight display changing with different moisture levels.

### 4.3. Measurement Modes and Calibration Scales

The TS-630 features 7 built-in calibration scales for different materials. Press the **Mode** button (  ) to cycle through the modes (A-G):

Mode	Material Type	Measurement Range
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Mode	Material Type	Measurement Range
A	Hardwood (e.g., Teak, Walnut, Afrormosia)	8.8% - 54.8%
B	Softwood (e.g., Oak, Pine, Maple, Ash)	6.6% - 47.9%
C	Cement Mortar, Concrete	0.9% - 22.1%
D	Anhydrous Gypsum Mortar Layer	0.0% - 11.0%
E	Cement Mortar	0.7% - 9.9%
F	Lime Mortar, Gypsum	0.0% - 16.5%
G	Brick	0.0% - 16.5%

Select the appropriate mode for the material you are testing to ensure accurate readings.

# Various Measurement Modes



Image: Visual representation of the 7 measurement modes and their corresponding material types.

Video: A demonstration of the TopTes Moisture Meter's various measurement modes and its application in woodworking.

## 4.4. Taking Measurements

To measure moisture content:

1. Ensure the protective cap is removed from the pins.
2. Select the appropriate material mode (A-G) using the Mode button.
3. Firmly insert the stainless steel pins into the surface of the material you wish to test.

4. Read the moisture percentage on the LCD display. The backlight color will provide a quick visual indication of the moisture level (Green: Dry, Orange: Moist, Red: Wet).



Image: The TopTes TS-630 being used to measure moisture in wood, highlighting its pin-type design.



Image: The moisture meter being used to locate sources of dampness in walls and ceilings.

#### 4.5. Data Hold and Max/Min Function

The meter includes a Data Hold function to freeze the current reading on the display, useful for recording data. The Max/Min function allows you to view the maximum and minimum moisture readings taken during a measurement session.

## 4.6. Temperature Unit Switching

The ambient temperature can be displayed in Celsius (°C) or Fahrenheit (°F). Use the dedicated button (  ) to toggle between these units.

# Ambient Display

 **Range: -20~60°C**  
**Accuracy: ±1.5°C**

 **Range: 0.0~99.9%**  
**Accuracy: ±4.0%RH**



Image: The meter displaying both temperature and relative humidity on its screen.

## 5. MAINTENANCE

## 5.1. Replacing Test Pins

The stainless steel test pins may wear down over time. The package includes a spare pair of pins and a mini wrench for replacement:

1. Use the mini wrench to carefully unscrew the old pins.
2. Insert the new pins and tighten them with the wrench.



*Image: Close-up of the meter showing the replaceable pins and the mini wrench used for their installation.*

## 5.2. Battery Replacement

A low-battery indicator will appear on the screen when the batteries are running low. Replace them as described in the "Battery Installation" section (3.1).

### 5.3. Cleaning

Wipe the meter with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure the pins are clean and free of debris for accurate readings.

## 6. TROUBLESHOOTING

If you encounter issues with your TopTes TS-630 Moisture Meter, consider the following:

- **No Display/Power Issues:** Check battery installation and ensure batteries are not depleted. Replace if necessary.
- **Inaccurate Readings:**
  - Ensure the correct material mode is selected for the material being tested.
  - Verify that the test pins are firmly inserted into the material.
  - Check if the pins are clean and undamaged. Replace if worn.
  - Consider environmental factors like extreme temperatures or humidity that might affect readings.
- **Display Not Changing:** Ensure the Data Hold function is not activated.

For further assistance, refer to the detailed troubleshooting section in the included User Manual or contact TopTes customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	TOPTES
Model	TS-630
Display Type	LCD (2.25-inch)
Special Feature	10 Min Auto Shut Off, Tricolor Backlight
Measurement Accuracy	+/-2.0%
Material	ABS
Item Weight	148 Grams (5.2 ounces)
Product Dimensions	5.51 x 2.17 x 0.98 inches
Power Source	Battery Powered (3 AAA batteries included)
Certification	CE, RoHS

## 8. WARRANTY

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The TopTes Digital Moisture Meter TS-630 comes with a **3 Years Warranty**. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty information provided in your user manual.

## 9. SUPPORT

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For product support, technical assistance, or warranty inquiries, please visit the official TOPTES store on Amazon or refer to the contact information provided in your user manual.

Official TOPTES Store: [Visit Store](#)