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› Tadeto TE0015 Non-Destructive Moisture Meter User Manual

Tadeto TE0015

Tadeto TE0015 Non-Destructive Moisture Meter User Manual

Model: TE0015 | Brand: Tadeto

1. PRODUCT OVERVIEW

The Tadeto TE0015 is a high-precision, non-destructive moisture meter designed for accurate measurement of moisture content in various building materials. Its advanced sensor technology ensures reliable readings without damaging the surface of the material being tested. This device is ideal for assessing moisture levels in walls, wood, masonry, concrete, gypsum, and other construction materials.



Figure 1.1: The Tadeto TE0015 Non-Destructive Moisture Meter, shown with its protective carrying case and included AAA batteries.

2. KEY FEATURES

- **Precise Non-Destructive Measurement:** Utilizes a high-precision alloy probe and powerful processing chip for accurate, reliable results without surface damage. Measures up to 40 mm deep with a range of 0 to 100 and 0.1 resolution.
- **Enhanced HD Color Display:** Features a backlit LCD color screen with superior brightness for 360° readability. Includes a 3-color bar graph (Green: DRY, Yellow: RISK, Red: WET) for quick visual assessment.

- **Ergonomic and Durable Design:** Made from soft TPE rubber for improved grip and drop resistance. Designed for comfortable one-handed operation.
- **Automatic Calibration:** Self-calibrates in just 3 seconds after power-on and pressing 'MEAS', ensuring measurement readiness.
- **Versatile Applications:** Suitable for measuring moisture in wood, firewood, wall plaster, tiles, cement mortar, and other building materials. *Note: Not suitable for metal measurements.*
- **Additional Functions:** Data hold, Max/Min display, automatic shut-off, and adjustable visual/audible alarms.

Breites Spektrum an Anwendungen

Wände, Mauerwerk, Estriche, Holz, Baumaterialien, etc.



Figure 2.1: Overview of the Tadeto TE0015's key features, highlighting its HD color display, alarm function, automatic shut-off, minimum/maximum measurement capabilities, measurement depth, data hold function, and three-color analog bar indicator.



Figure 2.2: A comparison illustrating the benefits of the Tadeto TE0015's non-destructive measurement method, large HD color display, automatic calibration, and power-saving automatic shut-off feature compared to other moisture meters.

3. SETUP AND INITIAL USE

3.1 Package Contents

Before starting, please ensure all items are present in the package:

- 1x Tadeto Non-Destructive Moisture Meter (TE0015)
- 1x User Manual
- 3x 1.5V AAA Batteries
- 1x Storage Bag

Feuchtigkeitskontrolle

Baumaterial

Feuchtigkeitsbereich (Einheit)

Feuchtigkeitsstatus



Holz

<50
50-80
>80



TROCKEN
RISIKO
NASS

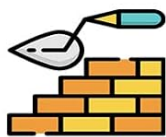


Zement

<25
25-50
>50



TROCKEN
RISIKO
NASS



Gips

<30
30-60
>60



TROCKEN
RISIKO
NASS

Figure 3.1: All components included in the Tadeto TE0015 moisture meter package: the device, user manual, AAA batteries, and a protective storage bag.

3.2 Battery Installation

The device requires 3 AAA batteries. To install:

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



Figure 3.2: Detailed view of the Tadeto TE0015, indicating the battery cover, non-destructive moisture sensor, HD color screen, power/mode button, MEAS/calibration/data hold button, and numeric adjustment buttons.

4. OPERATING INSTRUCTIONS

4.1 Powering On and Calibration

The device features automatic calibration for accurate measurements.

1. **Step 1:** Power on the device by briefly pressing the power button.
2. **Step 2:** Briefly press the "MEAS" button to initiate calibration.
3. **Step 3:** Calibration will complete in approximately 3 seconds, and the device will be ready for measurement.

Note: For best results, perform calibration and measurement by hand. If using a tripod, hold the bottom of the hygrometer and avoid sliding it to prevent hand moisture from affecting readings.



SCHRITT 1:
Schalten Sie das Gerät durch kurzes Drücken der Netztaste ein.

Figure 4.1: Step 1 - Powering on the device.



SCHRITT 2:
Drücken Sie kurz die Taste "MEAS", um zu kalibrieren.

Figure 4.2: Step 2 - Initiating calibration.



SCHRITT 3:
Die Kalibrierung ist nach 3 Sekunden abgeschlossen und die Messung beginnt.

Figure 4.3: Step 3 - Calibration completion.

4.2 Taking Measurements

Once calibrated, place the sensor ball against the surface of the material you wish to measure. The device will display the moisture content on its HD color screen.

- The measurement depth is between 20-40mm.
- The display shows the current reading, along with MAX/MIN values.
- The 3-color bar graph provides an immediate visual indication:
 - **Green:** DRY
 - **Yellow:** RISK

◦ **Red:** WET

- Use the "MODE" button to cycle through different display modes or settings if available.
- Press the "MEAS" button again to hold the current reading (Data Hold function).

Hohe Qualität

Das professionelle, zerstörungsfreie
Hygrometer



Figure 4.4: Demonstrating the non-destructive measurement process on a wall surface.



Figure 4.5: The effective measurement depth of the sensor, ranging from 20 to 40 mm.

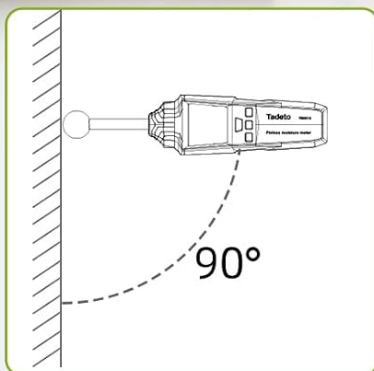
4.3 Applications

The Tadeto TE0015 is suitable for a wide range of materials:

- Walls (plaster, concrete, masonry)
- Wood and firewood
- Tiles and cement mortar
- Other common building materials

It helps determine if an area is damp or dry, aiding in moisture control and damage prevention.

Schnelle und genaue Messungen



Kalibrierungsschritte:

Schritt 1: Schalten Sie das Gerät durch kurzes Drücken der Einschalttaste ein. Schritt

Schritt 2: Drücken Sie kurz die "MEAS"-Taste, um zu kalibrieren. Schritt

Schritt 3: Nach 3 Sekunden ist die Kalibrierung abgeschlossen und die Messung beginnt.

Figure 4.6: Examples of the wide range of applications for the moisture meter, including walls, wood, and masonry.



Figure 4.7: Moisture control guidelines for common building materials, indicating 'Dry', 'Risk', and 'Wet' ranges for Wood, Cement, and Gypsum.

5. SPECIFICATIONS

Feature	Detail
Model Number	TE0015
Brand	Tadeto
Measurement Method	Non-destructive
Measurement Depth	20 - 40 mm
Measurement Range	0 - 100
Resolution	0.1
Display	HD Color LCD with Backlight
Power Source	3 x 1.5V AAA Alkaline Batteries (included)
Automatic Shut-off	Yes (after 30 minutes of inactivity)
Material	ABS, TPE Rubber
Product Dimensions (L x W x H)	20 x 5 x 3 cm (approx.)
Weight	300 grams



Figure 5.1: Internal view of the Tadeto TE0015, demonstrating its high-quality construction and components.

6. MAINTENANCE

To ensure the longevity and accuracy of your Tadeto TE0015 moisture meter, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth after each use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in its provided storage bag in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if the device will not be used for an extended period to prevent leakage.
- **Sensor Care:** Keep the sensor ball clean and free from debris. Avoid dropping the device or subjecting it to strong impacts, which could damage the sensor.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low or dead batteries; incorrect battery installation.	Replace batteries with new ones, ensuring correct polarity.
Inaccurate readings.	Device not calibrated; sensor dirty; measuring metal surfaces.	Perform automatic calibration (Section 4.1). Clean the sensor. Ensure not to measure metal.
Alarm sounds continuously.	High moisture detected; alarm threshold set too low.	Check the material for actual high moisture. Adjust the alarm threshold manually if needed.
Display is dim or flickering.	Low battery power.	Replace batteries.

8. WARRANTY AND SUPPORT

Tadeto offers a **1-year quality support warranty** for this product. If you encounter any issues or require assistance, please contact Tadeto customer support. Refer to the contact information provided on the product packaging or the official Tadeto website for support details.

Please retain your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question