Model: WT637

Wood Moisture Meter Instruction Manual
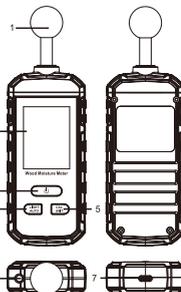
Version: WT637-EN-00

A. Introduction

The Wood Moisture Meter precision moisture detectoruses cutting-edge single-chip core technoloay to ensure hiahly accurate testdata, easy operation, intuitive readings, and precise moisture measurement. its stylish design and portability make it an ideal choice formeasuring the moisture content of wood, bamboo, paper, and Chinese medicinal materlals in a variety of envlronments.

B. Feature

1. Three colors indicate moisture content
2. Data HOLD
3. Zero calibration
4. Flashlight
5. Maximum/Minimum value
6. Automatic/manual shutdown
7. 1000mAh lithium battery power supply
8. Buzzer alarm
9. 2.4-inch Color Screen
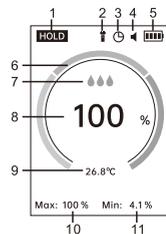10. Measurement environment temperature

C. Name of parts

1. Moisture Sensor
2. LCD Display
3. ⏻ Button: Power / Data HOLD
4. LIGHT/AUTO Button: Flashlight / Automatic shutdown
5. CAL/UNIT Button: Zero calibration / Buzzer alarm / Temperature unit switch
6. Flashlight
7. Type-C charging port

D. LCD display

1. ZERO: Zero calibration
   HOLD: Data lock
2. Flashlight on symbol
3. Automatic shutdown on symbol
4. Buzzer alarm on symbol
5. Battery level
6. Moisture value color ring indicator
7. Moisture value water drop indicator
8. Moisture value
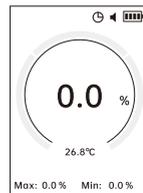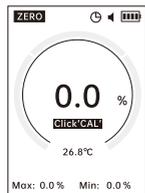9. Temperature value
10. Maximum value
11. Minimum value

E. Operation instruction

1. Power on/off
(1) When the power is off, short press ⏻ button to turn on.
(2) When the power is on, long press ⏻ button to turn off.
(3) Automatic shutdown: After startup and calibration, long press the LIGHT/AUTO button, LCD display [🕐], turn on the automatic shutdown, no button operation about 15 minutes automatic shutdown. Long press the LIGHT/ AUTO button again to cancel the automatic shutdown ([🕐] is not displayed).

2. Zero calibration
To activate the device in the air (ensuring it is away from the power supply and refraining from touching the sensor with your hand). Short press CAL/UNIT button, wait for the product to be calibrated, complete the calibration with "di di" sound, and then measure.

Zero calibration   Measurement interface

3. Data HOLD
After power on, short press ⏻ button, LCD display [HOLD] data lock.Short press ⏻ button again to release the data ([HOLD] is not displayed).
Note: After locking the data, the maximum/minimum values will be updated based on the locked value. For example, if the data is locked at 10%, the maximum and minimum values will be updated based on 10% after unlocking.

4. Flashlight
After power on, short press LIGHT/AUTO button, and the LCD will display [🔦] turn on the flashlight. Short press LIGHT/AUTO button again to turn off the flashlight ([🔦] is not displayed).

5. Buzzer alarm
(1) Buzzer alarm switch: After startup and calibration, short press CAL/UNIT button, LCD display [◀] to turn on buzzer alarm sound. Short press CAL/UNIT button again to turn off the buzzer alarm sound ([◀] is not displayed).
(2) Alarm value setting: When the power is off, press and hold the LIGHT/AUTO button, then press ⏻ button to start, release the button, enter the setting, short press the LIGHT/AUTO button or

CAL/UNIT button to increase/decrease the alarm value. Long press the LIGHT/AUTO button to switch the high/low alarm value. After setup, long press ⏻ button to turn off and saves.
(3) The factory default low alarm value is 33%, high alarm value is 66%. When the set alarm value is exceeded, accompanied by high-frequency "di di" sound.

6. Temperature unit
After startup and calibration, long press CAL/UNIT button to switch ℃/℉.

7. Battery maintenance
When the battery power is displayed [▭], it indicates that the power is insufficient, which will affect the measurement result. Please charge it in time. If the instrument is not used for a long time, it should be charged regularly to avoid affecting the battery life.
Due to the possibility of touching the button to start and discharge during transportation, if you cannot start after receiving the goods, please charge and use.

F. Technical Parameters

Measurement Range	0~100%RH
Detection Depth	5~40mm
Measurement Accuracy	±2.5%RH(25℃ Normal Temperature Environment)
Power Supply	1000mAh 3.7V Li-Ion Battery
Display	2.4-inch Color Screen
Operating Temperature	0~45℃(32~113°F)
Operating Humidity	0~75%RH
Storage Temperature	-20~70℃(-4~158°F)
Automatic shutdown	No Operation For About 15 Minutes
Size	185*61*25.2mm
Weight	160.5g

Moisture value	Colour ring	Water drop indication
<33%RH	Green	💧
33~66%RH	Orange	💧💧
>66%RH	Red	💧💧💧

📄 Specific Declarations:
Our company shall hold no any responisibility resulting from using output from this product as an direct or indirect evidence.
We reserves the right to modify product design and specification without notice.

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