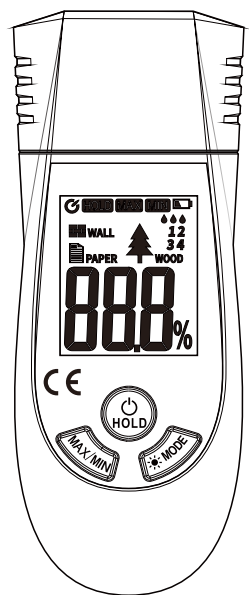


PIN MOISTURE METER



Before using the instrument, please read this manual carefully, and save it well for future using.

4.2 Instruction to display icons

- Auto-off icon
- Data hold
- Max. value measure
- Min. value measure
- Under-voltage icon
- Building walls mode
- Paper packaging material mode
- Tree species mode
- Humidity indicator
- Percent



5. Functional keys

5.1 On/off /Hold key

On/off: press the key shortly to turn on, and press and hold for 2 seconds to turn off.
HOLD: during the measuring process, press this key shortly to hold the data, and the HOLD icon displays, then press it shortly again, the device will exit data holding status and resume normal measuring.

1. Profile

This is a resistance wood moisture meter featured in stable, reliable, and safe performance. It is designed and produced according to GB/T1931-2009 Method for Determination of the Moisture Content of Wood and JJG 986-2004 Verification.Regulations for Wood Moisture Content Measuring Meters. High-performance micro controller is applied as the core of measurement control to achieve rapid measuring response, high precision, and low power consumption; There are 6 modes of humidity measurement: 4 types of tree species, paper and walls.portable size and large ratio LCD screen make the product not only convenient to carry, but also display digits clearly. It is applicable for rapid moisture content measuring of wood raw materials, paper, plywood, whitewashed wall and floor.
This manual contains operating instructions and safety warnings. Please read it through carefully before use and follow all safety warnings and precautions.

2. Package and accessories

- 1. Device ----- 1
- 2. 1.5VAAA Battery ----- 2
- 3. User Manual -----1

1

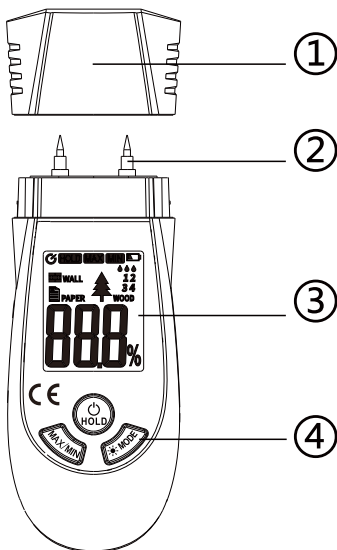
3. Safety Instructions

Warning: The test probe of this meter is sharp and may cause body injury and device damage. Please put on the protective cover when you finish using, and keep it properly in places untouchable to children.
1. Please check the instrument and accessories carefully before use. Stop using this meter if you find any obviously damage on the meter case or accessories, or any abnormality on the display.
2. Please follow the operating instructions in this manual while measuring.
3. Do not open the meter or change the internal wiring randomly for it may cause damage to the meter.
4. Please change the battery when the under-voltage icon “ ” on the meter display lights on.
5. Do not expose the test probe to any charged objects for it may cause damage to the meter.
6. Keep the meter away from and do not use it in high temperature, high humidity, flammable and explosive, and strongly electromagnetic environment.

2

4. Instrument Instructions

4.1 Appearance structure



①Cover②Test probe ③Display area ④Functional key

3

transverse direction shall prevail.

- ③ Take off the cover of the test probe sensor and insert it vertically into the wood sample till the 6mm depth limit of the probe (See Figure 1);
- ④ Wait till the value stays stable, then the value shown on the screen should be the moisture content of the wood sample.
- ⑤ During the measuring process, the MAX and MIN value measuring and value hold function can be enabled or disabled according to the icon instructions.

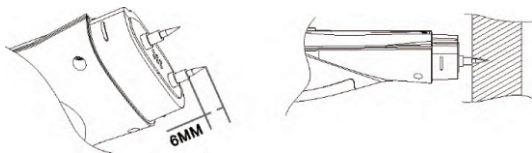


Figure 1

6.2 Paper packaging materials and wall measurement operations

- ① Short press button to turn it on;
- ② Choose paper packaging or wall measurement mode.
- ③ Take off the cover of the test probe sensor and insert it vertically into the paper or wall sample till the 6mm depth limit of the probe (See Figure 1); (If it is not possible to

6

insert the measured object, please press firmly to ensure accurate measurement results).

Note: Inserting the measured object for measurement is more accurate compared to measuring against the measured object.

- ④ After the reading is stable, the screen displays the moisture content value of the tested sample;
- ⑤During the measurement process, the maximum/minimum value measurement and data hold functions can be enabled or disabled according to the function button instructions.

7. Auto-off

When the device is booted, auto-off function is defaulted enabled: the device will be off if no key pressing happens within 5 minutes.

8. Technical specifications

- Altitude: below 2000 meters
- Pollution level: Level II
- Working temperature: -10 ° C ~ 60 ° C
- Working humidity: ≤75%RH
- Storage temperature: -20 ° C ~ 80 ° C
- Storage humidity: ≤75% RH
- Battery: 2* 1.5V AAA

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折页后尺寸 85mm *125mm

Under-voltage indication: approximately 2.4V, LCD displays the " " symbol.

Appearance dimension: 136mm×54mm×28mm

9.Technical indicators

Function	Range	Resolution	Error	Instructions
Moisture Content	2.0%~75.0%	0.1%	± 1.0%	Tree species1: 2.0%~25.0% Tree species2: 3.0%~30.0% Tree species3: 4.0%~35.0% Tree species4: 5.0%~40.0% Paper: 5.0%~75.0% Wall: 1.5%~30.0%
Characteristics	Instructions			
Display	Maximum value "75.0%"			

Backlight	Default or low humidity:green;medium humidity:yellow;High humidity:red;backlight can be turned off manually		
Type	low humidity(green)	medium humidity(yellow)	High humidity(red)
Tree species 1	≤7.9%	8.0%~11.9%	≥12.0%
Tree species 2	≤10.3%	10.4%~14.8%	≥14.9%
Tree species 3	≤12.7%	12.8%~17.6%	≥17.7%
Tree species 4	≤14.8%	14.9%~20.4%	≥20.5%
Paper	≤11.9%	12.0%~15.9%	≥16.0%
Wall	≤6.9%	7.0%~9.9%	≥10.0%

10. Mode comparison table

Species	Type	Species	Type
Rhodesian	1	Balsa	3

teak			
Afrormosia	1	Padauk	3
Brazilian walnut tree	1	Elm	3
Walnut	2	Gmelina arborea Roxb	3
Keruing	2	Hemlock	3
White poplar	2	Dryobalanops aromatica	3
Teak	2	Oak	3
Fir	3	Masson pine	4
Douglas fir	3	Chilean tree	4
Lauan	3	White pine	4
Ash	3	Larch	4
White fir	3	Apitong	4
Maple	3	Birch	4
White ash	3	Basswood	4

Tree species comparison table

11. Replace the probe

1. Shutdown the instrument;
2. Rotate the probe counterclockwise with a 5.0mm wrench and remove the probe.
3. Replace a new probe and tighten it clockwise.

