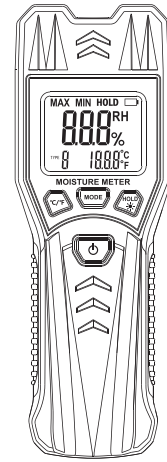


# User Manual

## Moisture Meter



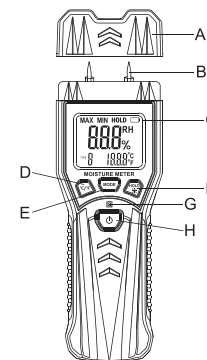
说明书尺寸: 85x105mm  
 材质: 80g双胶纸, 双面印刷  
 印刷: 实地单黑  
 装订方式: 风琴折页

### INTRODUCTION

Thank you for purchasing Pin-Type LCD Moisture Meter. Please read this user's manual carefully and thoroughly before using the instrument. The is designed for use in woodworking, water damage restoration, building construction and home renovation.Examples include:

- Checking for moisture on or beneath the surface of carpets, sub-flooring, ceilings and walls.
- Measuring the surface moisture content of wood and building materials before painting, wallpapering, sealing or treating.
- Selecting dry lumber.

### PRODUCT OVERVIEW

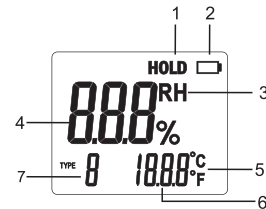


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- A. Protective pin cap with calibrating resistor inside.
- B. Test pins.
- C. LCD
- D. C/F button. Press briefly to switch unit.
- E. MODE button. Press briefly to choose different modes for different measured materials.
- F. Data HOLD and backlight button. Pressed briefly, "freezes" display readings; press and hold for >2 seconds to turn on/off backlight.
- G. LED indication. When measuring the object, it lights up in green, when it is red, it means that the moisture of the object has exceeded the measurement range(the top of the screen will show "--").
- H. Power button. Press briefly to power meter on; press and hold for >2 seconds to power meter off.

### DISPLAY ELEMENTS

- 1.Data HOLD indicator
- 2.Low battery indicator
- 3.Moisture unit
- 4.Moisture display area
- 5.Temperature unit
- 6.Ambient temperature display area
- 7.Mode



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### TECHNICAL DATA

Moisture measurement	Range	0.0% ~ 60.0%
	Precision	±2%
	Resolution	0.1%
Ambient temperature measurement	Range	-10.0°C ~ 50.0°C (14.0°F ~ 122.0°F)
	Precision	±2.0°C (4.0°F)
	Resolution	0.1°C (0.1°F)
Automatic shut-down	10 minutes of inactivity	
Low Battery Icon	<6.2V	
Operating Temperature	-10°C ~ 50°C (14 ~ 122°F), 10%RH ~ 90%RH	
Power Source	"9V" battery (Not included)	

**Note:** The automatic shut-down function can be closed by pressing and holding the power button and "HOLD" button at the same time to power meter on. At this time, the screen will flash "COU", indicating the setting is successful.

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Different modes for different materials:

TABLE 1

MODE	MATERIAL	MOISTURE RANGE
1	Beech, spruce, larch, birch, cherry, walnut	5.0 ~ 60.0%
2	Oak, cedar, maple, ash, Douglas fir, meranti	6.8 ~ 53.4%
3	Cement, concrete area, gypsum product	0.9 ~ 24.5%
4	Anhydrite screed	0.0 ~ 12.2%
5	Cement mortar	0.7 ~ 9.2%
6	Lime mortar	0.5 ~ 11.1%
7	Tile	0.0 ~ 17.8%

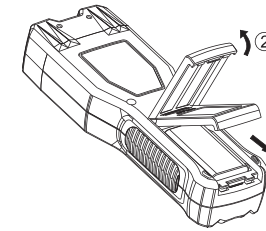
### OPERATING INSTRUCTIONS

#### WARNING!



Be aware that the probe tip can cause injuries if used incorrectly. Put the protective cover back on when the device is not in use. Keep the moisture meter away from children!

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1. Inserting the battery. Open the battery cover as shown in the picture and insert a new 9V battery(included).



#### NOTE:

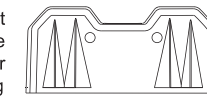
- When inserting the new battery, ensure that the polarity is correct.
  - When the  icon appears at the upper right of the LCD, it means that the battery is low and the battery must be replaced.
  - Remove the battery when storing the unit or when you do not expect to use it for an extended period of time.
2. Remove the pin cap and the protective sleeve from test pin. **NOTE:** When removing/covering the pin cap and the protective sleeve, the instrument will occasionally flash the value on the screen and disappear immediately. Please don't worry, this is due to the interference of static electricity from the human body and does not affect the normal use of the product.
  3. Press the  button to power the meter on.
  4. Select the corresponding mode according to the measured object (refer to TABLE 1) by pressing "MODE" button.
  5. Insert the probe tip into the material to be tested and read the value in the display window.

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- NOTE:** Moisture level is affected by ambient humidity and material density.
6. Press briefly the "HOLD" button to freeze the display in the display window. The symbol "HOLD" will appear in the display window and the reading will be displayed until the "HOLD" button is pressed again. Press down the HOLD button for longer 2 seconds will turn the backlight on or off. This can be usefull if you wish to perform a reading in conditions of darkness or poor visibility.
  7. Press the  button and hold it for more than 2 seconds to power the meter off.

### CHECKING CALIBRATION

Power on the meter and push the test pins into the calibration holes (on the back of protective pin cap). If the meter is properly calibrated, the displayed reading will be 20%±0.5% in MODE 1. If the displayed reading is in the range of 18%-19.5% and 20.5%-22%, it means that calibration is needed. The calibration method is: Press and hold the power button and "MODE" button at the time to power meter on. At this time, "TYPE" symbol on the screen will flash, push the test pins into the calibration holes, then press briefly the "MODE" button, and the "PAS" symbol will appear on the screen, indicating that the calibration is complete and the meter will automatically shut down. It can be tested normally after booting.If the reading is outside the range of 18%-22%, Please refer to the warranty card and contact us.



### IMPORTANT NOTICES

- Place the probe tips on the surface carefully, do not apply force.

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- If the probe has been bent, replace it with two new replacement test pins (included) by rotating.
- Handle the device carefully when the protective cap has been removed. The probes can cause injuries if used improperly.
  - To locate a leak in the wall, make measurements at different locations. The leak is where the meter displays the highest reading.
  - After subjecting the meter to a large change in ambient temperature, wait at least 30 minutes before making measurements to guarantee the accuracy of readings.

**NOTE:** When removing/covering the pin cap, the instrument will occasionally flash the value on the screen and disappear immediately. Please don't worry, this is due to the interference of static electricity from the human body and does not affect the normal use of the product.

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