

# Wood/Building Material MOISTURE METER

## INTRODUCTION

This instrument can be used to measure the moisture level in sawn timber (also paper, cardboard) and hardened materials (mortar, concrete and plaster). It displays the moisture level directly. In addition, it can also measure environment temperature. It is portable and very easy to use.


## SPECIFICATION

**Display:** LCD

**Measurement Range:** Wood: 6 ~ 42%  
Material: 0.2 ~ 2.0%  
Temperature: 0 ~ 40°C, or 32 ~ 99°F

**Resolution:** Wood: 1%  
Material: 0.1%  
Temperature: 1°C/2°F

**Accuracy:** Wood: reading < 30% : ±2%  
reading ≥ 30% : ±4%  
Material: reading < 1.4%: ±0.1%  
reading ≥ 1.4%: ±0.2%  
Temperature: not specified

**Low Battery Indication:** Symbol "  " shown on the display

**Automatic Power-Off**

**Battery:** 1.5V, LR44 or equivalent, 4 pieces

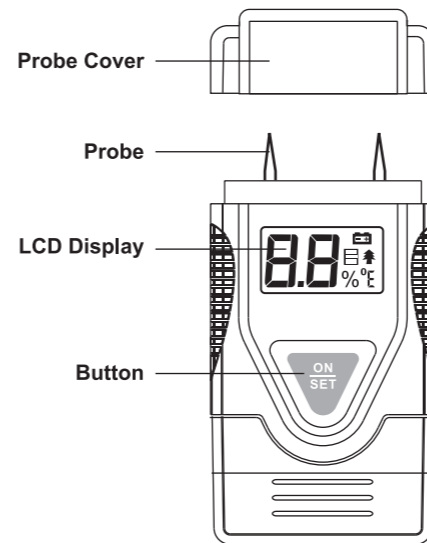
**Operating Environment:** Temperature: 0°C ~ 40°C  
Relative humidity: < 85%

**Storage Environment:** Temperature: -10°C ~ 50°C  
Relative humidity : < 85%

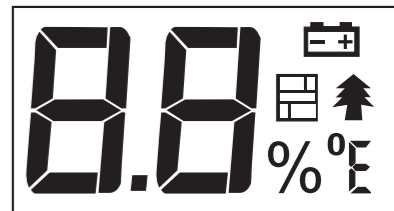
**Size:** 80 X 40 X 20mm

**Weight:** about 50g ( including batteries )




## INSTRUCTION



## LCD EXPLANATION



### Symbol Meanings:

-  ---- Batteries are low and should be replaced
-  ---- Wood moisture measurement mode is selected. In this mode, you can measure the moisture level of sawn timber, paper or cardboard.
-  ---- Material moisture measurement mode is selected. In this mode, you can measure the moisture level of hardened material (mortar, concrete or plaster).
- % ---- Percent ( moisture unit )
- °C ---- Celsius degree
- °F ---- Fahrenheit degree

## OPERATION INSTRUCTION

1. Press the button once to turn on the instrument.
2. **Selecting Desired Measurement Mode**
  - a. After the instrument has been turned on, press and hold down the button for about 3 seconds to enter Setting Mode ( reading disappears, symbol starts flickering on the display).
  - b. While symbol is flickering on the display, press the button until the meter is in the desired measurement mode and the corresponding symbol flickers on the display.  
The four modes are as follows :  
wood moisture measurement mode ( " 🌲 " flickers ), material moisture measurement mode ( " 📦 " flickers ), Celsius temperature measurement mode ( " °C " flickers ), Fahrenheit temperature measurement mode ( " °F " flickers ).
  - c. After the desired measurement mode is selected, don't operate the instrument. About 3 seconds later, the instrument exits Setting Mode automatically. Now you can start measurement.
3. **Performing Measurement**
  - a. For temperature measurements, the display shows the present

environment temperature directly.

- b. To perform moisture measurements, drive the probes into the wood or material to be measured, read the reading on the display.
4. **Automatic Power-Off Feature**
    - a. In wood moisture or material moisture measurement mode, if you don't operate the instrument ( or the reading does not change ) for about 15 seconds, the instrument will turn off automatically.
    - b. In Celsius or Fahrenheit temperature measurement mode, the instrument will turn off automatically about 15 seconds later.
    - c. In any mode, after the symbol " 🔋 " appears, the instrument will turn off automatically about 15 seconds later. In this case, you should replace the batteries immediately.
  5. After the instrument is turned on, pressing the button turns on the backlight. About 3 seconds later, the backlight turns off automatically.

## NOTE

1. Keep the instrument dry.
2. Keep the probe clean.
3. Keep the instrument and battery out of reach of infant and child.
4. Some factors (such as material type and temperature ) can affect moisture measurement result and may make it necessary to correct the displayed value. Don't use the instrument in the case of inspections or for reference purposes.
5. When the symbol " 🔋 " appears, the batteries are low and should be replaced.  
**Ensure that battery polarity connections are correct when replacing batteries.**  
If you will not use the instrument for a long period, remove the batteries.

## DECLARATION

1. This users manual is subject to change without notice.
2. Our company will not take the other responsibilities for any loss.
3. The content of this manual can not be used as the reason to use the meter for any special application .

### DISPOSAL OF THIS ARTICLE

Dear Customer,  
If you at some point intend to dispose of this article, then please keep in mind that many of its components consist of valuable materials, which can be recycled.  
Please do not discharge it in the garbage bin, but check with your local council for recycling facilities in your area.

