

WOOD/BUILDING MATERIAL MOISTURE METER (MT240)

OPERATION INSTRUCTIONS:

PLEASE READ ALL OF THE INSTRUCTIONS BEFORE USING THE METER

FEATURES:

Display: LCD and Lighting function

Measurement Range: Wood: 6~44%

Building Material: 0.2-2.0%

Temperature: 0 ~ 40°C or 32 ~ 104°F

Accuracy: Wood: ±2%

Building Material: ±0.1%

Low Battery Indication: Symbol  shown on the display

Automatic Power-Off

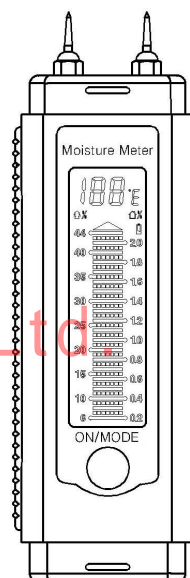
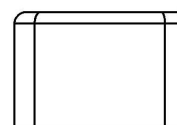
Battery: 4 x 1.5 V Batteries (AAA/Micro/LR03)

Operating Environment: Temperature 0 ~ 40°C

Relative Humidity < 85%

Storage Environment: Temperature -10 ~ -50°C

Relative Humidity < 85%



INTENDED USE

This appliance is intended only for the non-commercial measuring of moisture in wood and construction materials. The moisture can be measured in, for example, firewood, paper, cardboard, construction timber, mortar, concrete and plaster. In addition, the appliance will display the room temperature in Celsius or Fahrenheit.

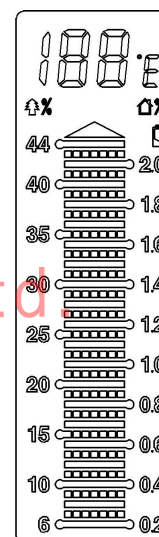
INSERTING/REPLACING THE BATTERIES:

Unscrew the battery compartment lid on the rear of the appliance.


Insert 4 new batteries of type AAA into the battery compartment


Be sure to insert the batteries with the correct polarity.


Replace the battery compartment lid on the battery compartment and screw it down firmly.




SYMBOL MEANINGS:

 ---- If this symbol appears, the batteries must be replaced.

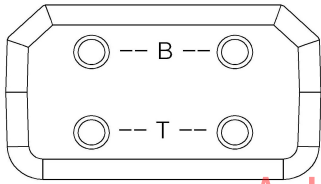
 ---- The left scale shows wood moisture content from 6-44%.

 ---- The right scale shows construction material moisture content from 0.2-2.0%.

 ---- the temperature is indicated at the top of the display in Celsius or Fahrenheit.



OPERATION INSTRUCTION:

1. Switch the appliance on by pressing the ON/MODE button.
2. Before taking the first measurement, check that the appliance is functioning correctly. For this, use the test aid. On the test aid there are four measurement points marked as **B** and **T**.



- a. Press the measuring pins on the measurement points **B**. All measurement lines on the display begin to blink.
- b. Now press the measuring pins on the measurement points **T**. The measuring lines on the display should now be showing 19 % (+/- 1 %).

When you arrive at the given value in both tests, the appliance is ready for use.

3. Press the measuring pins into the material to be tested. The measurement lines on the display show the moisture content.
4. To read the result for firewood, cardboard and construction timber, use the left scale with the symbol .
5. To read the results for mortar, concrete and plaster, use the right scale with the symbol .
6. If the measured value exceeds the maximum values of 2 % with construction material or 44 % with wood, the measurement lines start to blink.
7. To minimize measurement errors, carry out comparative measurements at several locations.
8. The LCD screen switches itself off automatically after approx. 30 seconds without button activation, while the LED flashlight function is not effected by that.

TEMPERATURE DISPLAY:

1. The temperature is indicated at the top of the display
2. Press the ON/MODE button once to toggle between Celsius and Fahrenheit.

LIGHT FUNCTION:

1. Press and hold the ON/MODE button for 3 seconds to switch the LED on.
2. Press and hold the ON/MODE button for 3 seconds again to switch the LED off.


Wood moisture content - guidelines for firewood:

6-15 % moisture content: Very good calorific values.

16-20 % moisture content: Suitable for heating, but with restrictions.

21-44 % moisture content: Not suitable for heating Further drying required.

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.