



MM6012

USER'S MANUAL



**MICRO-PROCESSOR
GENERAL PURPOSE
DIGITAL MOISTURE METER**

This unit uses exclusive MICRO-COMPUTER LSI circuit and crystal time base to offer high accuracy measurement and fast measuring time.

The use of durable, long lasting components, including a strong, lightweight ABS-plastic housing assures maintenance free performance for many years. The housing has been carefully shaped to fit comfortably in either hand.

FEATURES:

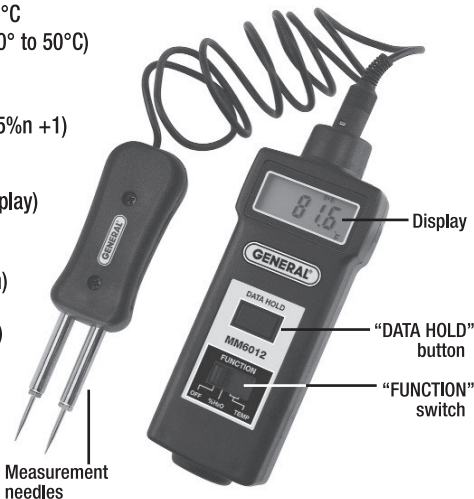
- Wide measuring range and high resolution
- Digital display gives exact reading with no guessing or errors
- Compact, lightweight and easy operation
- Can be applicable of wood fiber materials, wooden articles, Chinese traditional medicine, tobacco, cotton, papers, etc.

SPECIFICATIONS:

- Range: Moisture content : 0 to 50%
Temperature: -10° to 65°C
- Operation Temp: 32° to 122°F (0° to 50°C)
- Operation Humidity: ≤85%
- Resolution: 0.1
- Accuracy: Moisture content: (0.5%n +1)
Temperature: ±0.8°C
- Display: 4 digits, 10 mm (4")
LCD (Liquid Crystal Display)
- Power Source: 4 "AA" batteries
- Dimensions: 7" x 2.7" x 1.5"
(178 x 68 x 39 mm)
- Weight: about 6.7 oz (190 g)
(not including batteries)

Includes: Batteries, Manual
and Hard Carrying Case

FRONT PANEL DESCRIPTION



*Battery Compartment/Cover
(Located on back)

MEASUREMENT OPERATION:

1. Moisture content:

- A. Hold the handle of the measurement needles and leave the needles in the air, i.e. don't let needles touch anything except air.
- B. Set the Function Switch to the "MC" (Moisture Content) position to switch on the power supply.
- C. You will hear 2 clicking sounds. That is a self-calibration conducted by the instrument.
- D. Insert two steel measurement needles into the wood to be measured. The reading on the Display is the measurement value.

2. Temperature:

- A. Set the Function switch to the "TEMP" position to switch on the power supply.
- B. There is no need to insert the needles into the wood. The reading on the Display is the measurement value of the environment temperature.
- C. It takes a few minutes to stabilize when conditions or environment have changed.

3. Hold:

To keep the maximum value, just push the "DATA HOLD" button for a few seconds and the symbol "max" will appear on the Display. To cancel the hold value, just push the "Hold" button again for a few seconds until the symbol "max" disappears.

BATTERY REPLACEMENT:

1. When it is necessary to replace the battery (battery voltage less than approx. 5V), the "battery" symbol will appear on the display.
2. Loosen the screws on the back of the battery cover and remove the old batteries.
3. Install new batteries correctly into the case. Permanent damage to the circuit can result from incorrect installation.
4. If the instrument is not to be used for an extended period of time, please remove the batteries.

NOTE: *This instrument is of very high input resistance. Every part has good insulation. Please keep it in a dry, dustproof place.*



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Specifications subject to change
without notice

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