



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:

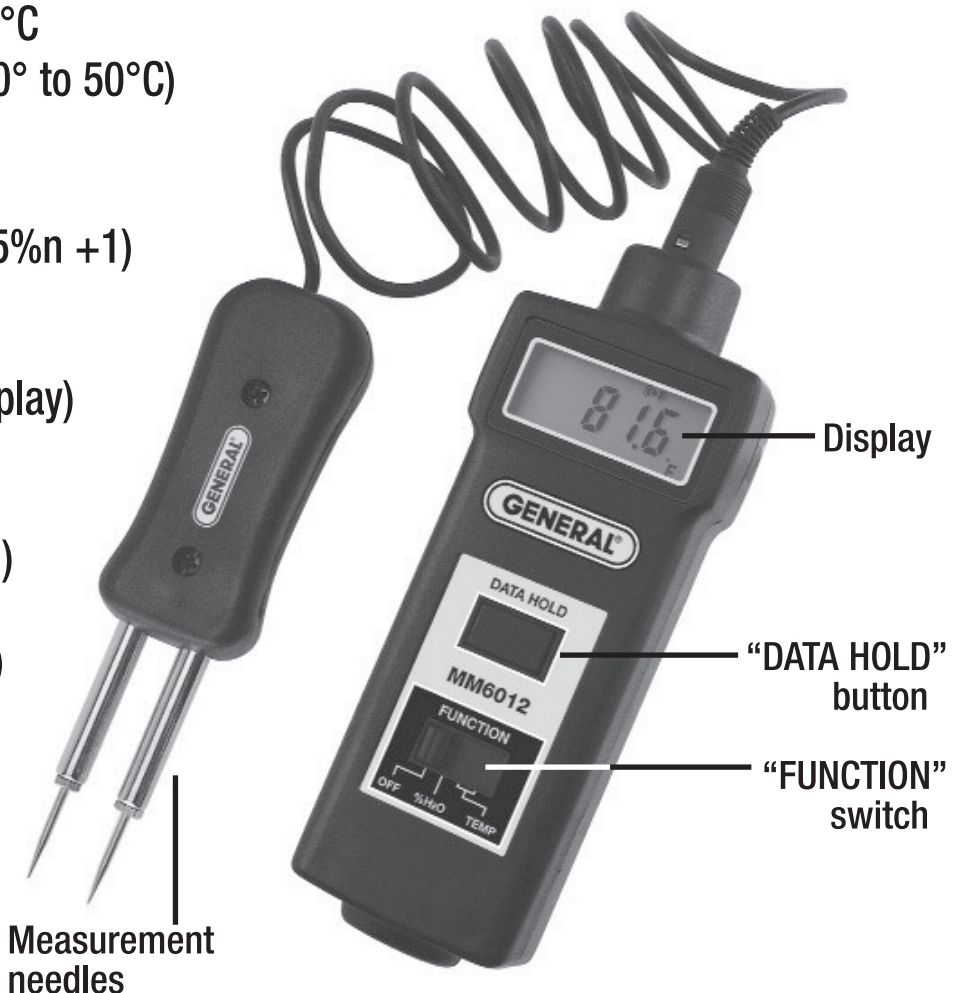
- Wide measuring range and high resolution
- Digital display gives exact reading with no guessing or errors
- Compact, lightweight and easy operation
- Can be applicable of wood fiber materials, wooden articles, Chinese traditional medicine, tobacco, cotton, papers, etc.

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.*

