

GENERAL
MM6012
 USER'S MANUAL



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

GENERAL
 Specialty Tools & Instruments™

GENERAL TOOLS & INSTRUMENTS™
 80 White Street
 New York, NY 10013-3567
 PHONE (212) 431-6100
 FAX (212) 431-6499
 TOLL FREE (800) 697-8665

e-mail: sales@generaltools.com
www.generaltools.com

MM6012 User's Manual
 Specifications subject to change
 without notice

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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.

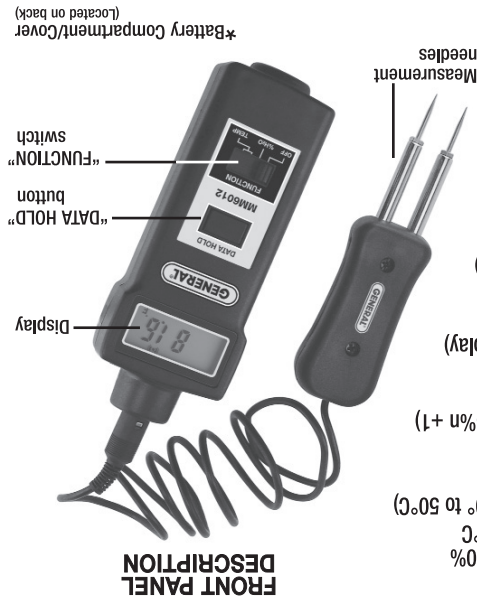
FEATURES:

- 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% \pm 1)
- Temperature: $\pm 0.8^{\circ}\text{C}$
- 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



MEASUREMENT OPERATION:

1. Moisture content:

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

2. Temperature:

- Set the Function switch to the "TEMP" position to switch on the power supply.
- There is no need to insert the needles into the wood. The reading on the Display is the measurement value of the environment temperature.
- 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:

- When it is necessary to replace the battery (battery voltage less than approx. 5V), Loosen the screws on the back of the battery cover and remove the old batteries.
- Install new batteries correctly into the case. Permanent damage to the circuit can result from incorrect installation.
- 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.