

Four Needle Wood Moisture Meter

Operation Manual

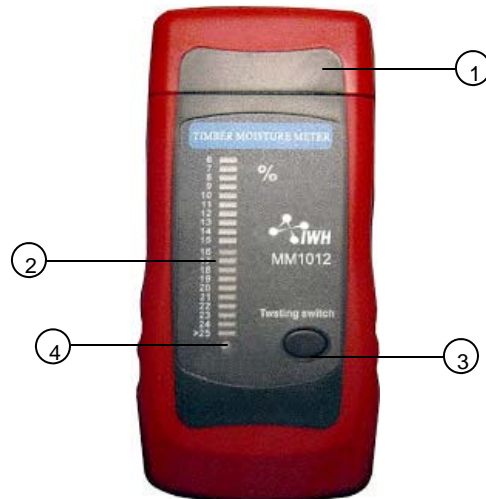
MM1012



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Your Four Needle Wood Moisture Meter

The MM1012 is a state of the art four needle wood moisture meter. It is suitable for the rapid measurement of moisture in timber boards that are less than 20mm in thickness. The unit will automatically turn on when the end cap is removed, and turn off when the cap is placed back onto the unit. Simply insert the 4 needles into the timber and press the testing switch. This unit is convenient and easy to use.



1. End Cap & On/Off switch — Remove the end cap to expose the four needle probes. Unit turns on when cap is removed, and is turned off when the cap is replaced.
2. LED Meter—Shows percent moisture in 1% increments.
3. Testing switch—Press switch to test the moisture of a timber specimen.
4. Under voltage—Low battery indicator light

Operation Instructions

1. Remove the instrument's end cap to turn the unit on and expose the four needle probes.
2. Insert the four needle probes into the timber specimen to be tested. The needles should slightly pierce the wood.
3. Press and hold the testing switch on the front of the unit, a reading will appear on the LED meter on the front of the unit. Readings are displayed in average percentage moisture. The meter will reset when you release the testing button. Please see the correction table in this manual for reading adjustments based on the type of timber you are testing.
4. Replace the end cap to turn the power off.

Specifications

Measurement range:	6-25%
Scale Increments:	1%
Accuracy:	+/- 2%
Display:	LED Meter
Dimensions:	15 x 7 x 3cm
Weight:	165g
Power Supply:	9V battery

Battery Replacement

During use, if you notice the under voltage light (low battery indicator) is on, it indicates that the battery is low and should be replaced.

To Replace the Battery:

You will need a small Phillips head screw driver to remove the screw from the battery cover on the back of the unit. Gently turn the screwdriver to the left to loosen the screw. When it has been fully loosened, remove the screw and remove the battery cover. Remove the old battery and replace with a new 9V battery. Replace the cover, insert the screw, and gently turn the screw to the right using a Phillips head screwdriver.

Correction Table for Timber Species

No Correction Needed	Reading +2	Reading -2
Elm	Birch	Pumelo
Liuan	Duanwood	Walnut
Ash tree	Larch	Clone
Sandalwood	Abiding	Aspen
White wax	White pine	
White fir	Chinese red pine	
Hemlock	Chile pine	
Cedar		
Oak		
Lightwood		
Xiemu		
American white pine		
Yunnan stone		