

OPERATION MANUAL

98701/98702/98703

WOOD MOISTURE METER



FEATURES

- Large digit display.
- Pen size fits in your pocket.
- Auto power off with disable feature (15 minutes).
- Data hold function freezes readings on display.
- Simply use to check water content of wood.
- Quick to read moisture value in seconds.
- Selectable different wood categories from 4 groups.
- Measure environment temperature(98702.98703).
- °C / °F select function.(98702.98703).
- Measure environment relative humidity %RH (Model 98703).
- When measure RH% , environment temperature shows at the corner for monitoring reference.
- Additional pins are optional for 50pcs(25 pairs) or 100pcs (50pairs).
- Easy to replace pins without tool.

MATERIAL SUPPLIED

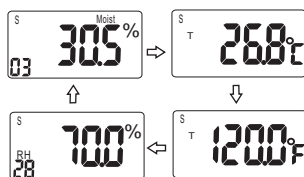
- Meter with sensor cap
- CR 2032 3V battery x1 pc
- Operation manual
- 1 pair needles / pins (98701.98702.98703)

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SELECT MODE

Press **MODE** button to read from Moisture →Temp.(°C)→Temp.(°F)→RH circularly.

NOTE: Under RH mode, left corner appear the current Temp. for reference.



TAKING MEASUREMENT

1. Remove the sensor cap, expose the pins(needle) .
2. Hold the meter and push the needles (pins) into the wood .
(Select the correct group of the wood species by pressing **SET** button : 98702.98703, by pressing **MODE** button for model 98701)

NOTE: Make sure you have selected the correct species to the 4 group, there are 1~4 group for users' selection. See more detail in next operation.

SELECT SPECIES



There are four (4) groups contain different wood species. Check the wood species /wood species group table next page and select the specified group to get correct and accurate readings.

LOW BATTERY

When power is lower, recommend to replace with a new CR2032 battery , when power weak, icon **BAT** will display at the bottom to the right corner.
Use a coin to remove the battery compartment cover on the rear of the meter. Replace the CR-2032 lithium battery; install the new battery face up (+) in the battery compartment.

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LCD DISPLAY



You might see other icons which are not available for the moisture meter. Please ignore them in this case.

KEY PAD(CONTROLS)

PWR: Turn on / off the meter (Long press)
or data hold mode (Short press).

MODE: Display Temperature °C/ °F, relative humidity %,Moisture %

SET: Select wood species group from 1 ~ 4 while displaying Moisture %
(No response when other mode is selected)

OPERATION

(1) POWER ON / OFF

Press **PWR** button for more than 2 seconds to turn on the meter, press and hold **PWR** button to turn off the meter

(2) AUTO POWER OFF

The meter is default as auto power off, i.e. the meter turns off automatically in 15 minutes if no button is pressed. "S" shows top on the left corner stands for auto power off function is activated.



To disable auto power off function, turn off the meter, press and hold **MODE + PWR** buttons until "S-no" shows on screen , release the buttons, "S" disappear on the display.



DATA HOLD

Short press **PWR** button to freeze reading, press **PWR** button again to return to normal mode.(98702.98703). Press **HOLD** to freeze reading (98701 only)

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Group	Moist range	Stored characteristics curves for
1	2~40%	Rhodesian Teak, Afromosia, Brazilian Walnut.
2	2~50%	Walnut,Keruing,White Poplar,Teak
3	2~60%	Corkwood,Padauk, Elm, Gumari, Hemlock,Gurjun, Oak, Fir,Douglas Fir, Lauan,Ash,White Fir, Maple, White Ash
4	2~70%	Masson Pine, Chile Pine, White Pine, Larch, Apitong, Birch, Basswood

SPECIFICATION

Model/Spec	98701	98702	98703
Display	Digital large size LCD		
Measuring range	2%~ 70% (Wood moisture)		
Accuracy	± 1% , 0.5 resolution		
Ambient Temp.	NO	-10~50°C (14~122°F)	
Resolution	N/A	0.1°C/0.1°F	
Accuracy	N/A	± 1 °C / 2 °F	
Relative Humidity	NO	NO	10.0~90.0% RH
Resolution	N/A	N/A	0.1%RH
Accuracy	N/A	N/A	± 5%RH
Data hold	Data hold function freezes reading		
Power	CR2032 3V battery		
Dimension	147 x 36 x 18 mm (L X W X H)		

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