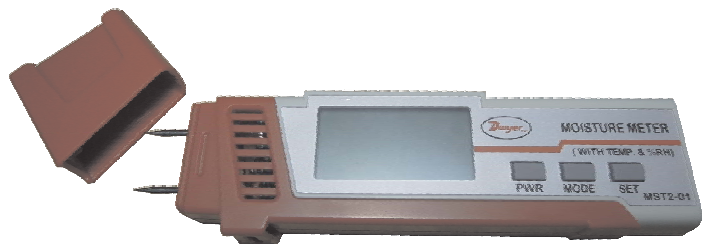




# OPERATION MANUAL MST2-01 WOOD MOISTURE METER



## FEATURES

- Large digit display.
- Compact design easily fits in your pocket.
- Auto power off after 15 minutes.
- Data hold function freezes readings on display.
- Easy to read values in a matter of seconds.
- 4 different selectable wood categories.
- Measures temperature ( $^{\circ}\text{C}/^{\circ}\text{F}$  selectable units).
- Measures relative humidity %RH.
- Pins are easily replaceable without using any tools.

## MATERIAL SUPPLIED

- Meter with sensor cap
- CR2032 3V battery
- Instruction manual
- 1 pair of replacement pins

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## DATA HOLD

Press the "PWR" button to freeze a reading. Press the "PWR" button once more to return the meter to its normal mode.

## SELECT MODE

Press "MODE" button to cycle through the Moisture  $\rightarrow$ Temp. ( $^{\circ}\text{C}$ )  $\rightarrow$ Temp. ( $^{\circ}\text{F}$ )  $\rightarrow$ %RH functions.

Note: While in %RH mode, the temperature will appear in the bottom left corner of the display for user reference.

## TAKING MEASUREMENT

1. Remove protective cap.
2. Hold meter firmly and press the pins into the testing material. To select the correct group of wood species, press "SET" until the desired number (1-4) is displayed.

## SELECT SPECIES



There are four (4) groups that contain different categories of wood species. Check the table below to select the proper group for most accurate readings.

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

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## LCD DISPLAY



Upon start-up, you might see other icons which are not available for the moisture meter. Please ignore them in this case.

## KEY PAD(CONTROLS)

**PWR:** Turn the meter on/off (press and hold), or just press once for data hold function.

**MODE:** Display Temperature  $^{\circ}\text{C}/^{\circ}\text{F}$ , 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

To turn on the meter, press and hold the "PWR" button for more than 2 seconds. Press and hold "PWR" button again to turn the meter off.

### (2) AUTO POWER OFF

If no buttons are pressed in a 15 minute period, the meter will automatically turn off. If a letter "S" is displayed in the top left corner of the screen, auto power off is activated.



To disable auto power off function, turn off the meter and press and hold "MODE" + "POWER" buttons until "OFF" shows on the screen. Once this has been done, release the buttons and the "S" will disappear from the display.



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## SPECIFICATION

Measuring range	2%~ 70% ( Wood moisture)
Accuracy	$\pm 1\%$ , 0.5% resolution
Ambient Temp.	14~122 $^{\circ}\text{F}$ (-10~50 $^{\circ}\text{C}$ )
Resolution	0.1 $^{\circ}\text{F}$ /0.1 $^{\circ}\text{C}$
Accuracy	$\pm 2^{\circ}\text{F}$ / 1 $^{\circ}\text{C}$
Relative Humidity	10.0~90.0%RH
Resolution	0.1%RH
Accuracy	$\pm 5\%$ RH
Data hold	Data hold function freezes reading
Power	CR2032 3V battery
Dimension	5.79 x 1.42 x 0.71 in (147 x 36 x 18 mm)

## LOW BATTERY

When the MST2-01 meter experiences low power, it is recommended to replace the battery with a new CR2032 3V battery . There will be a "BAT" icon on the bottom right corner of the display when the battery should be replaced. To replace the battery, use a coin to remove the cover on the back of the meter. Install the new battery face up (+) in the battery compartment.

## WARRANTY/RETURN

Refer to "Terms and Conditions of Sales" in our catalog and on our website. Contact customer service to receive a Return Goods Authorization number before shipping the product back for repair. Be sure to include a brief description of the problem plus any additional application notes.

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