

*all in one, bar graph LED + LCD*

# MOISTURE METER

Model : MS-7003

ISO-9001, CE, IEC1010



**Lutron**

LUTRON ELECTRONIC

*The Art of Measurement*

Concrete/Wood, Red LED bar graph + LCD display

# MOISTURE METER

Model : MS-7003

## FEATURES

* Designed to check the moisture level of wood, concrete, and other non-wood material.
* 6 % to 40 % moisture range on wood.
* 0 to 100% relative moisture value for Concrete and other non-wood material.
* Red LED bar graph indicator and LCD digital display.
* All in one, meter build in the test pins.
* Optional separate probe, available for remote measurement.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.
* Records Maximum & Minimum reading with recall.
* Data hold function to freeze the desired value on display.
* Heavy duty & compact housing case, designed for easy carry out & operation.
* Built-in low battery indicator.
* With auto power shut off function to prolong the battery battery life.

## SPECIFICATIONS

Applications	Designed to check the moisture level of wood, concrete and other non-wood material.
Principal	Used the 2 pins electrode to measure the conductive ability of the species, then converter to the reading of % " Moisture of Content ".
Circuit	Custom one-chip of microprocessor LSI circuit.
Display	LCD size : 51 mm x 37 mm Digit size : 16 mm ( 0.62 " )

Material/Range	Material 1 : 0 to 100% relative moisture value for Concrete. and other non-wood material. Material 2 : 6 % to 40 % moisture range on wood.
Resolution	0.1 %.
Accuracy	$\pm ( 5 \% + 5 d )$  @ 23± 5 °C  @ Material 1 : 13 % to 100%  @ Material 2 : 6 % to 40%
Probe	2 pins moisture electrode.
Data Hold	By push button on front panel.
Memory Recall	Records Maximum & Minimum reading value.
Sampling Time	Approx. 0.8 second.
Operating Temp./Humidity	0 to 50 °C ( 32 to 122 °F ). Less than 80 %RH.
Power Supply	Alkaline 006P, MN1604 ( PP3 ) DC 9V battery.
Power Current	Approx. DC 16 mA.
Weight	251 g/0.55 LB.
Dimension	216.5 x 68.5 x 29.7 mm ( 8.4 x 2.7 x 1.2 inch ).
Accessories Included	Instruction manual.....1 PC. Extra contact pins.....1 Set.
Optional Accessories	Separate Probe, MP-31 Hard Carrying Case, CA-06 Soft Carrying Case, CA-05A

\* Appearance and specifications listed in this brochure are subject to change without notice.

1001-MS7003