

*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

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|--|
| * 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<br>Digit size : 16 mm ( 0.62 " )   |

|                          |   |
|--------------------------|---|
| Material/Range           | Material 1 :<br>0 to 100% relative moisture value for Concrete. and other non-wood material.<br>Material 2 :<br>6 % to 40 % moisture range on wood. |
| Resolution               | 0.1 %.  |
| Accuracy                 | $\pm ( 5 \% + 5 d )$<br><br>@ 23± 5 °C<br><br>@ Material 1 : 13 % to 100%<br><br>@ 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 ).<br>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<br>( 8.4 x 2.7 x 1.2 inch ).   |
| Accessories Included     | Instruction manual.....1 PC.<br>Extra contact pins.....1 Set.   |
| Optional Accessories     | Separate Probe, MP-31<br>Hard Carrying Case, CA-06<br>Soft Carrying Case, CA-05A  |

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

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