

# CONCRETE/WOOD MOISTURE METER

Model : MS-7002

ISO-9001, CE, IEC1010



**Lutron**

**LUTRON ELECTRONIC**

**The Art of Measurement**

# CONCRETE/WOOD MOISTURE METER

Model : MS-7002

FEATURES	
* 6 % to 40 % moisture range on wood.	* Separate pin type moisture probe, easy operation. & remote measurement.
* 0 to 100% relative moisture value for Concrete and other non-wood material.	* Records Maximum & Minimum reading with recall.
* 0.2 % to 50 % moisture range on gypsum.	* Data hold function to freeze the desired value on display.
* Designed to check the moisture level of wood, concrete, gypsum and other non-wood material.	* Auto shut off saves battery life.
* Microprocessor circuit assures maximum possible accuracy, provides special functions and features.	* RS 232 PC serial interface.
* Digital reading with large LCD display.	* Heavy duty & compact housing case, designed for easy carry out & operation.
	* Built-in low battery indicator.

GENERAL SPECIFICATIONS	
Applications	Designed to check the moisture level of wood, concrete, gypsum 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 ".
Function/Range	F1 ( Function 1 ) 6 % to 40 % moisture range on wood.
	F2 ( Function 2 ) 0 to 100% relative moisture value for Concrete and other non-wood material.
	F3 ( Function 3 ) 0.2 % to 50 % moisture range on gypsum.
Resolution	0.1 %.
Accuracy	$\pm ( 5 \% + 5 d ) @ 23 \pm 5 ^\circ C$
Circuit	Custom one-chip of microprocessor LSI circuit.
Display	13 mm ( 0.5" ) large LCD display,
Probe	Separate 2 pins moisture electrode,
Data Hold	By push button on front panel.
Memory Recall	Records Maximum & Minimum reading value.
Power off	Auto shut off, saves battery life, or manual off by push button.
Sampling Time	Approx. 0.8 second.
Data Output	RS 232 PC serial interface.
Operating Temperature	0 to 50 $^\circ C$ .
Operating Humidity	Less than 80% R.H.
Power Supply	Alkaline 006P, MN1604 ( PP3 ) DC 9V battery.
Power Current	Approx. DC 6.5 mA.
Weight	330 g/0.73 LB
Dimension	<i>Main instrument:</i> 180 x 72 x 32 mm ( 7.1 x 2.8 x 1.3 inch ).
	<i>Moisture Probe:</i> Round 23 mm Dia. x 165 mm. Round 0.9 inch Dia. x 6.5 inch.
Accessories Included	Instruction manual..... 1 PC. Moisture probe..... 1 PC. Extra contact pins..... 1 Set. Hard Carrying Case..... 1 PC.
Optional accessories	RS232 cable, UPCB-01. USB cable, USB-01. Data Acquisition software, SW-U801-WIN. EXCEL Data Acquisition software, SW-E802

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

1204-MS7002