

CONCRETE/WOOD

# MOISTURE METER

Model : MS-7002

ISO-9001, CE, IEC1010

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02-2389-0101



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*The Art of Measurement*

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## FEATURE

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

## GENERAL SPECIFICATION

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	Main instrument: 180 x 72 x 32 mm ( 7.1 x 2.8 x 1.3 inch ). Moisture Probe: 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
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\* Appearance and specifications listed in this brochure are subject to change without notice.

MS-7002+1204

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