



Lutron MS-7000 DIGITAL MOISTURE METER

- **Measure moisture** content over range 9 % to 30%
- **9 material species** groups in memory, calibrations for about 150 different species of wood/timber are provided
- **Built-in** self-calibration circuit
- **0 to 50°C** manual temp. compensation setting
- **Microprocessor circuit** assures maximum possible accuracy, provides special functions and features
- **Super large LCD** with dual display
- **Heavy duty** & compact housing case, designed for easy carry out & operation
- **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
- **Built-in** low battery indicator
- **Separate** pin type moisture probe, easy operation & remote measurement
- **Accessories included:** instruction manual, moisture probe, extra contact pins and hard carrying case

SPECIFICATIONS

Applications:	For surveying buildings for dampness and for the rapid determination of the moisture content of wood/timber
Principal:	Used the 2 pins electrode to measure the conductive ability of the species, then converter to the reading of % "Moisture of Content".
Default memory for the species:	9 material species groups in memory, calibrations for about 150 different species of wood are provided
Circuit:	Custom one-chip of microprocessor LSI circuit
Display:	13 mm (0.5") super large LCD display dual function meter's display
Measurement:	Measure moisture content over range 9% to 30%
Probe:	Separate 2 pins moisture electrode
Temperature compensation:	Manual temperature compensation of the meter in the range of 0°C to 50°C
Calibration:	Built-in self-calibration circuit by push button on front

	panel	
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°C to 50°C (32°F to 122°F)	
Operating humidity:	Less than 80% R.H.	
Power supply:	006P, MN1604 (FF3) DC 9V battery or equivalent, recommend use the alkaline or heavy duty battery	
Power current:	Approx. DC 6.5 mA	
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.
Weight:	330 gr. / 0.73 LB	