Tasira

Instruments & Services

APPLICATION

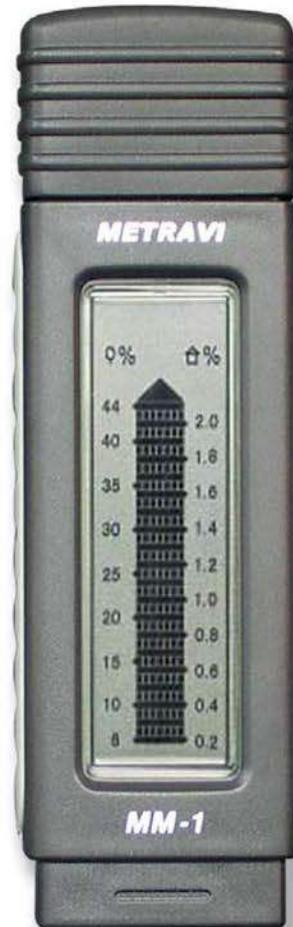### Moisture meter for wood and building material

Used to measure the moisture level in sawn timber (also cardboard, paper) and hardened materials (plaster, concrete and mortar). It displays the moisture level in the material straightaway.

FEATURES

- It is used the microcomputer (CPU) technique to measure quickly, accurately.
- Digital LCD display so large size with no mistake in seeing.
- Low power consumption.
- Beautiful, fast, easy to operate.

TECHNICAL DATA

Measuring principle	Electrical resistance
Electrode length	8 mm
Electrodes	Integrated, replaceable
Measuring range	Wood: 6 - 44 % Material 0.2 - 2.0 %
Accuracy	Wood: ± 1 % Material: ± 0.05 %
Auto power OFF	After approx. 15 minutes
Battery	3 × Cr 2032, replaceable
Housing material	Impact-proof plastic housing
Ambient temperature	0 - 40°C
Ambient Relative humidity	0 - 85 %RH
Dimensions	130 × 40 × 25 mm
Weight	100g
Warranty	One year

*Technical Specifications & Appearance are subject to change without prior notice

APPLICATION

Digital Moisture Meter Model MM-2 is a versatile instrument, is easy to handle and is accurate. It is used to measure the moisture content of wood, bamboo, cotton, tobacco, paper, foodstuff etc.

SPECIFICATIONS

Digital large size LCD display

Test Range	5% to 40%
Resolution	1%
Accuracy	± 1%

High resolution and quick response

Data hold and can hold value

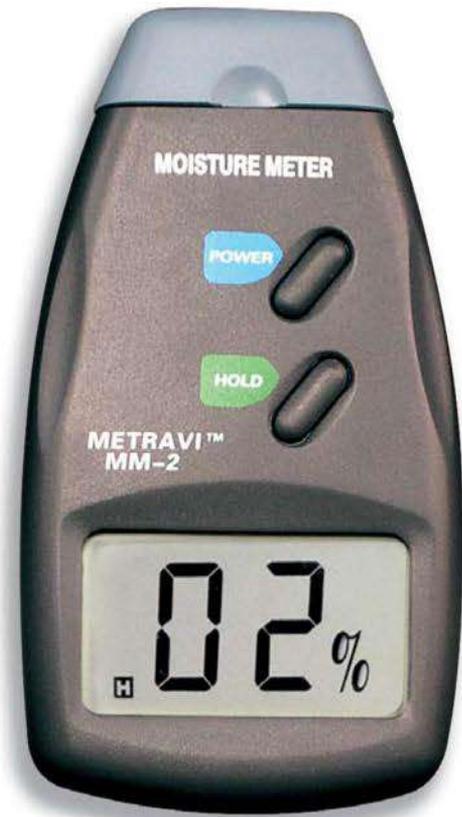**Symbol and unit display, to read conveniently**

Low battery symbol " 🔋 "

Power	one 9V battery
Dimension	126 × 70 × 29mm
Weight	approx. 150g (including battery)
Operation temperature	0ºC-40ºC (32ºF to 104ºF) 0-70% RH

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FUNCTION

Digital intelligent Micro Controller based paper moisture meter can work on 3 types of paper (carton, copperplate paper, writing paper) through the spring contact precise measuring.

FEATURES

- It uses the microcontroller technique to measure quickly and accurately.
- Digital LCD display is large size that no mistake in seeing.
- Low power consumption.
- Beautiful, fast, easy to operate.

SPECIFICATIONS

Range	0-40%
Resolution	1%
Operation temperature	0ºC ~ 50ºC 20 ~ 90%RH
Battery consumption	approx.7.5mA
Power	9V battery
Dimension	126 × 70 × 29mm
Weight	Approx. 82g (excluding the battery)

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GENERAL SPECIFICATIONS

This instrument is a conductivity moisture meter specifically designed for the timber industry. The instrument has eight calibration scales, enabling the user to take accurate moisture measurements in 150 wood species. Moisture measurements can be taken using the integral pin electrodes, or using the heavy duty moisture probe. When used with the temperature probe, the moisture measurements are automatically corrected with respect to temperature.

TECHNICAL SPECIFICATIONS

Moisture measuring range	:	6%~100%
Moisture resolution	:	0.1
Moisture accuracy	:	±1% (moisture range 6%~40%)
Temperature measuring range	:	-35°C~80°C
Temperature resolution	:	1($\leq$-10°C)
		0.1(>-10°C)
Temperature accuracy	:	±2°C
Current consumption	:	<8mA
Current of turn off	:	<3uA
Low battery display	:	<2V display
Operating temperature	:	-10°C~50°C
Operating humidity	:	< 70% RH
Storage temperature	:	-30°C~60°C
Storage humidity	:	<80% RH
Dimension	:	49x180x31.4mm
Weight	:	137g

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INTRODUCTION

The Pinless Moisture Meter is an electronic dampness indicator with a measuring process working on the principle of high frequency measurement. The instrument is used for non-destructively tracing dampness in building materials of all kinds as well as for detecting damp distribution in walls, ceilings and floors. It is particularly suitable for pre-testing the readiness of building materials for covering prior to CM measurement.

FEATURES

- Quickly indicates the moisture content of materials
- Depth of penetration about 20-40 mm
- Low battery indication
- Auto Power Off
- Max/Min Function
- Measure and HOLD Function
- White Backlit LCD Display

TECHNICAL SPECIFICATIONS

Sensor Type	Metal Spheroid
Measuring Range	0 to 100
Max Resolution	1
Battery	9V battery
Dimensions	180mm x 45 mm x 35 mm
Weight	180g

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