

MS500 Pinless Moisture Meter

Precision Surface Moisture Detection for Building, Flooring & Finishing Applications

Key Features

Surface & Near-Surface Detection

Quickly identifies moisture close to the surface of wood, drywall, plaster, and concrete—ideal for finishing and inspection work

High-Frequency Ball Sensor

Provides accurate, non-destructive readings without damaging materials

Backlit LCD Display

Shows live, max, and min values with DRY / RISK / WET indicator

Moisture Alarm System

Audible alerts and visual status icons highlight moisture threshold

Manual ZERO Calibration

Ensures accuracy between different materials or environments

Data Hold Function

Freezes the reading for up to 50 seconds for easy recording

Customizable Thresholds

User-adjustable DRY, RISK, and WET levels for flexible monitoring

Tripod Mount

Enables stable, repeatable readings during inspection

Auto Power Off

Extends battery life during idle periods

Includes

MS500, 9V battery and case



Applications

Surface Moisture Testing

Check drywall, plaster, or concrete before painting, sealing, or coating

Flooring & Finishing Prep

Verify that surfaces and subfloors are ready for installation

Construction Quality Assurance

Pre-check moisture before CM (carbide method) lab testing

Restoration & Remodeling

Assess moisture after leaks or repairs to prevent finish failure

Preventive Maintenance

Track surface-level moisture to prevent long-term structural issues

Users

- Home inspectors
- Flooring and drywall installers
- Restoration and mold remediation professionals
- Construction contractors

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The MS500 Moisture Meter's pinless design provides non-destructive moisture detection in building materials. From home inspection to flooring and drywall installation, the MS500 offers the convenience of pinless-high frequency measurement for fast and accurate results.

Specifications

Range / Resolution	0.0–100.0 (relative) / 0.1
Depth of Measurement	0.79–1.5" (20–40 mm)
Display	Backlit LCD with DRY / RISK / WET icons
Calibration	Manual ZERO
Data Hold	Up to 50 Seconds
Audible Alarms	Adjustable DRY, RISK, and WET thresholds
Tripod Mount	Yes
Auto Power Off	After 50 seconds (Hold Mode)
Battery	9V battery (included)
Humidity	≤ 80 % RH non-condensing
Dimensions	11 x 2 x 1" (279 x 51 x 25mm)
Weight	0.65lb (295g)



Ordering Information:

MS500 Pinless Moisture Meter

What's in the Box?

- MS500
- 9V Battery
- User Manual
- Case