

# Влагомеры МО

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## MO25 Moisture Pen



Take quick Moisture level reference on wood and building materials (such as brick and concrete) with this convenient portable Moisture Pen. Easy-to-read dual color LED indication with 10 ranges of %WME moisture level. Ideal for building restoration applications such as detecting water leakages inside walls, ceilings, and floors.

### Features

- Five dual color LEDs indicate 10 moisture levels:
  - Green LEDs 5%, 7%, 9%, 11%, 12%
  - Red LEDs 14%, 16%, 20%, 30%, 40%
- Easy-to-use one button operation
- Data Hold freezes LED range
- Battery level check on power-up
- Auto power off conserves battery life
- Use on wall board, sheet rock, cardboard, plaster, concrete, mortar, paper, fabric, and more
- Dimensions: 5.4x1.0x0.8" (136x25x21mm); Weight: 1.2 oz (33g) without battery
- Complete with protective cap, built-in pocket clip, 2 pins (already assembled), and one AAA battery

### Ordering

MO25..... Moisture Pen

## MO50 Compact Pin-type Moisture Meter



Take quick moisture level reference measurements on wood and building materials with this convenient compact-sized pin-type Moisture Meter. Easy-to-operate with display icons that indicate the levels of moisture content plus audible alert feature. Ideal for building restoration projects and applications where moisture detection on floors and under carpets is critical. A must-have tool for analyzing the after-effects of water leakage behind walls and in ceilings.



### Features

- Displays moisture level in wood and building materials such as wall board, sheet rock, cardboard, plaster, concrete, and mortar
- Audible Alert — Tone rate beeps faster as the moisture level increases
- Icons display low, medium and high levels of moisture content
- Easy-to-use, pin-type, compact-sized design
- Data Hold freezes reading on display
- Built-in battery level check and measurement verification test
- Auto Power Off conserves battery power
- Complete with pins (installed on meter), protective cap, and 9V battery

Specifications	Range
Sensor Type	Contact Pins
Wood Moisture Range	5 to 50%
Other Building Materials	1.5 to 33%
Resolution	0.1%
Wood Moisture Icon Levels	Low: 5% to 11.9%; Medium: 12% to 15.9%; High: 16 to 50%
Building Material Icon Levels	Low: 1.5% to 16.9%; Medium: 17% to 19.9%; High: 20 to 33%
Pin length	0.3" (8mm)
Dimensions/Weight	6.7x2.6x1.2" (170x65x30mm)/4.2oz (120g) battery weight not included

### Ordering

- MO50..... Compact Pin-type Moisture Meter
- MO50-PINS..... Replacement pins (10 pins)

## MO53 Pinless Moisture Meter



Use Extech's MO53 Pinless Moisture Meter for non-invasive measurements on wood and other building materials with virtually no surface damage. The depth of measurement is approx <0.75" (20mm). Easy-to-operate with display icons that indicate the levels of moisture content plus audible alert feature. Ideal for building restoration projects and applications where moisture detection on floors, tiles and under carpets is critical. A must-have tool for analyzing the after-effects of water leakage behind walls and in ceilings.



### Features

- Pinless moisture measurement depth to <0.75" (20mm)
- Measures Moisture up to 99.9% for Wood and 56.5% for other building materials
- Displays moisture level in wood and building materials such as wall board, sheet rock, cardboard, plaster, concrete, and mortar
- Audible Alert — Tone rate beeps faster as the moisture level increases
- Icons display low, medium and high levels of moisture content
- Easy-to-use, compact-sized design
- Data Hold freezes reading on display
- Built-in battery level check and measurement verification test
- Auto Power Off conserves battery power
- Complete with 9V battery and wrist strap

### Specifications

Sensor Type	Pinless sensor
Measurement Depth	<0.75" (20mm)
Wood Moisture Range	0 to 99.9%
Other Building Materials	0 to 56.5%
Resolution	0.1%
Wood Moisture Icon Levels	Low: 0.1 to 29.9%; Medium: 30.0 to 69.9%; High: 70.0 to 99.9%
Building Material Icon Levels	Low: 0.1 to 13.9%; Medium: 14.0 to 41.9%; High: 42.0 to 56.5%
Dimensions/Weight	6.7x2.6x1.2" (170x65x30mm) / 4.2oz (120g) battery not included

### Ordering

MO53 ..... Pinless Moisture Meter

## MO55 Combination Pin/Pinless Moisture Meter



Measures % of Moisture in sheet rock and other building materials using direct pin method

Measures relative moisture of various building materials using non-invasive Pinless Technology

Take quick Moisture measurements on wood and building materials with choice of pin or pinless (non-invasive) method. Easy-to-operate with display icons that indicate the levels of moisture content plus audible alert feature. Ideal for building restoration projects and applications where moisture detection on floors, tiles and under carpets is critical. A must-have tool for analyzing the after-effects of water leakage behind walls and in ceilings.

### Features

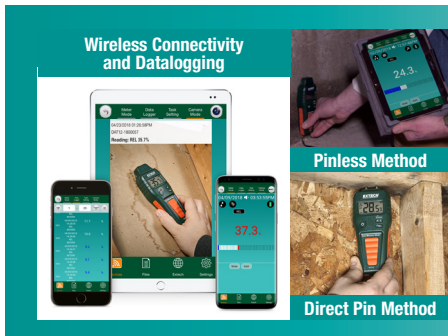
- Displays moisture level in wood and building materials such as wall board, sheet rock, cardboard, plaster, concrete, and mortar
- Pinless moisture measurement depth to <1" (25mm)
- Audible Alert — Tone rate beeps faster as the moisture level increases
- Icons display low, medium and high levels of moisture content
- Easy-to-use, compact-sized design
- Data Hold freezes reading on display
- Built-in battery level check and measurement verification test
- Auto Power Off conserves battery power
- Complete with two pins (installed on meter), protective cap, and 9V battery

Specifications	Pin	Pinless
Sensor Type	Contact Pins	Pinless sensor
Wood Moisture Range	5 to 50%	0 to 99%
Other Building Materials	1.5 to 33%	0 to 99%
Resolution	0.1%	0.1%
Wood Moisture Icon Levels	Low: 5% to 11.9%; Medium: 12% to 15.9%; High: 16 to 50%	Low: 0 to 16.9%; Medium: 17 to 29.9%; High: 30 to 99.9%
Building Material Icon Levels	Low: 1.5% to 16.9%; Medium: 17% to 19.9%; High: 20 to 33%	Low: 0 to 16.9%; Medium: 17 to 29.9%; High: 30 to 99.9%
Dimensions/Weight	6.7x2.6x1.2" (170x65x30mm) / 4.2oz (120g) battery not included	

### Ordering

- MO55..... Combination Pin/Pinless Moisture Meter  
 MO50-PINS..... Replacement pins (10 pins)

## MO55W Wireless Datalogging Pin/Pinless Moisture Meter



Quickly measure the moisture content in wood and other building materials with your choice of Pinless (non-invasive) or Direct Pin method measurement. Using the wireless feature, Bluetooth® Datalogging Module, and the free ExView® W-Series App, you can transmit readings in real-time to your smart devices, store over 15K readings for wireless transfer to generate a report/data analysis, add notes and readings to photos taken from your smart device camera, and use your smart device as a 2nd display for easy viewing or sharing. The MO55W is simple to operate and uses icons that indicate moisture content and alerts you when moisture levels exceed programmed limits.



### MO55W Features

- Wireless function with Bluetooth® Datalogging Module transmits readings to iOS® and Android™ devices for remote viewing using the free app
- Displays moisture level in wood and building materials such as wall board, sheet rock, cardboard, plaster, concrete, and mortar
- Non-invasive Pinless moisture measurement to a max. depth of 1" (25 mm)
- Direct Pin moisture measurement uses ~0.4" (10 mm) pins
- Audible Alert (beep rate increases as moisture level increases)
- Icons display low, medium and high moisture range
- Built-in Pin-Mode accuracy test
- Data Hold and Auto Power Off
- Ideal for building restoration, and other applications where it is critical to detect moisture in flooring, tiles, and beneath carpeting
- Complete with two pins (installed on meter), protective cap, Wireless Datalogging Module (DAT12), 9V battery, and soft case

See next page for product specifications and ordering information

### Wireless Datalogging Features

- Bluetooth® Datalogging Module (DAT12) can record over 15k readings and transmit them to a smart device
- Free ExView® W-Series App, provides Wireless Data Streaming with real-time remote viewing of readings
- Adjustable sample rate and file size support most application needs
- Programmable High/Low audible alarms
- Color coded log reporting for easy identification of Alarm events
- Record data directly to phone or tablet
- Export data in Excel® format
- Share data files and snapshots directly from application
- Take snapshots of the measurement area with your connected smart phone or tablet camera to capture measurement-related images and to document date/time stamps and measurement data

## MO57 Pinless Moisture Meter



Take pinless (non-invasive) Moisture measurements on wood and building materials without damaging the surface with the depth of approx <4" (100mm) with Extech's MO57 Moisture Meter. The ball moisture sensor provides smooth gliding on hard or delicate surfaces. Easy-to-operate with display icons that indicate the levels of moisture content plus audible alert feature. Ideal for building restoration projects and applications where moisture detection on floors, tiles and under carpets is critical. A must-have tool for analyzing the after-effects of water leakage behind walls and in ceilings and also measuring moisture content on a non-flat surface.



### Features

- Pinless moisture measurement depth to <4" (100mm)
- Measures Moisture up to 99.9% for Wood and other building materials
- Displays moisture level in wood and building materials such as wall board, sheet rock, tiles, cardboard, plaster, concrete, and mortar
- Audible Alert — Tone rate beeps faster as the moisture level increases
- Icons display low, medium and high levels of moisture content
- Easy-to-use, compact-sized design
- Data Hold freezes reading on display
- Built-in battery level check and measurement verification test
- Auto Power Off conserves battery power
- Complete with 9V battery and wrist strap

### Specifications

Sensor Type	Pinless spherical sensor
Measurement Depth	<4" (100mm)
Wood Moisture Range	0.1 to 99.9%
Other Building Materials	0.1 to 99.9%
Resolution	0.1%
Wood Moisture Icon Levels	Low: 0.1 to 16.9%; Medium: 17.0 to 39.9%; High: 40.0 to 99.9%
Building Material Icon Levels	Low: 0.1 to 16.9%; Medium: 17.0 to 39.9%; High: 40.0 to 99.9%
Dimensions/Weight	8.3x2.8x1.3" (210x70x33mm) / 5.5oz (155g) battery not included

## MO300 Moisture Hygro-Thermometer for Android™



### Monitor Readings via Bluetooth®

#### Transmit readings to Android smartphones & tablets

View key environmental readings taken by the MO300 remotely on your Android device. Datalog Moisture, Relative Humidity, Temperature, Dew Point, Vapor Pressure, GPP, g/kg, and condensation point readings using the free Extech Android app.



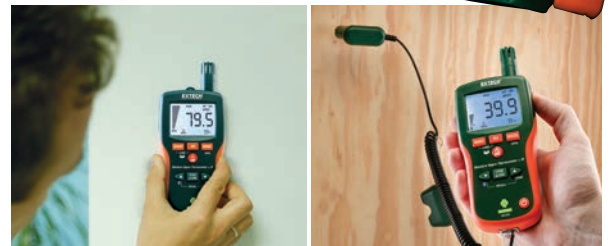
Download the Extech ExView™ MO300 App at [play.google.com](http://play.google.com)

### Features

- Integrated Bluetooth® connects with Android devices to transmit readings for remote viewing
- Works with free Android App to display large, easy-to-read values for: Moisture, Humidity, Temperature, Grains Per Pound (GPP)/(g/kg), Dew Point, Vapor Pressure, and condensation point, up to 30' (10m) away
- Quickly indicates the moisture content of multiple wood types and other building materials with Pinless technology without damaging the surface; Remote Pin-type probe allows for contact moisture readings
- Manually store/recall up to 20 labeled readings or datalog up to 50K readings using the Android app
- Easy to read, large dual display with automatic backlight feature and Fast Analog Bargraph
- Pinless moisture measurement depth to 0.75" (19mm) below the surface
- Programmable high/low Moisture/Humidity alarms
- Designed with an IR circuit to measure non-contact surface temperature
- Automatic calculation of differential Temperature (IR - DP) to determine condensation point
- Min/Max, Data Hold, and Auto power off
- Complete with pin moisture probe (MO290-P) with 3ft/0.9m cable, 9V battery and pouch case

See back page for meter specifications

**BUILT IN IR**  
Thermometer



Measure moisture of wall material with non-invasive Pinless technology or use the pin moisture probe for making contact moisture measurements. Built-in IR thermometer design locates cold spots on walls, which identifies surfaces subject to condensation.



## Sample Readings on Android Tablet



**MOISTURE / TEMPERATURE**



**HUMIDITY / TEMPERATURE**



**mBAR / TEMPERATURE**



**CONDENSATION / DEW POINT**



**GPP / TEMPERATURE**



**EASY TO NAVIGATE MENUS**

Specifications	Range
Memory	Manually Store/Recall 20 data readings
Pinless Moisture (Non-Penetrating)	0 to 99.9 (Relative); Depth up to 0.75" (19mm)
Pin-type Moisture (probe included)	0 to 99.9%
Max Resolution	0.1, 0.1°F/°C
Humidity	0 to 100%RH
Temperature (Air)	-20 to 170°F (-29 to 77°C)
Temperature (IR)	-4 to 392°F (-20 to 200°C)
Vapor Pressure	0 to 20.0kPA
Dew Point	-22 to 199°F (-30 to 100°C)
Mixing ratio	0 to 999GPP (0 to 160g/kg)
Field of View	8:1 Distance to Target ratio
Emissivity	0.95 fixed
Dimensions/Weight	6.5x2.8x1.5" (165x70x38)/7.4oz (210g)

### Optional Specialty Moisture Probes



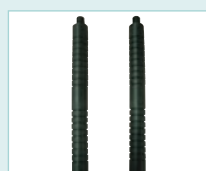
MO290-P



MO290-HP



MO290-EP



MO290-EXT



MO290-BP

## Ordering

MO300..... Moisture Hygro-Thermometer for Android

MO300-NISTL\*.. Moisture Hygro-Thermometer with Certificate traceable to NIST

MO290-P ..... Replacement Pin Moisture Probe

MO290-HP ..... Hammer Probe includes 4 pins (1.6"/4cm pin depth)

MO290-EP ..... Extension Probe with 30" (76.2cm) cable and 4 pins

MO290-EXT ..... 11.8" (30cm) Extenders (set of 2) for MO290-EP probe

MO290-BP ..... Moisture Baseboard Probe (Dual fixed flat pins with 4.1"/10.5cm pin length) with 30" cable

\*NISTL is a Limited NIST: Product is certified to 33% & 75% Humidity and 77°F & 150°F IR Temperature

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