

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

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.



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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