

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.



Android & Google Play are trademarks of Google Inc. The Android robot is reproduced or modified from work created and shared by Google and used according to terms described in the Creative Commons 3.0 Attribution License.

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*