Pinless Moisture Psychrometers + IR Thermometer

8-in-1 Meter with Built-in IR Thermometer

Monitor moisture in wood and other building materials with virtually no surface damage with the Pinless Moisture sensor (Pin-type Moisture Probe included). Measure Humidity and Air Temperature with built-in probe plus non-contact InfraRed Temperature design.



Features:

- Quickly indicates the moisture content of materials with Pinless technology without damaging the surface; Remote Pin-type probe (MO290-P included) allows for contact moisture readings (3ft/0.9m cable length)
- Works on multiple wood types and other building materials
- Easy to read, large dual display with automatic backlight feature
- Simultaneously displays moisture value of wood or material being tested, Air Temperature, IR Temperature, or Humidity
- Pinless measurement depth to 0.75" (19mm) below the surface
- Programmable high/low Moisture and Humidity alarms
- Designed with an IR circuit to measure non-contact surface temperature; 8:1 distance to spot ratio with 0.95 fixed emissivity
- Built-in Humidity/Temperature probe measures Relative Humidity, Air Temperature plus Grains Per Pound (GPP)/(g/kg), Dew Point (DP), Vapor Pressure, and condensation point
- Automatic calculation of differential Temperature (IR - DP) to determine condensation point
- Min/Max and Data Hold
- Auto power off and low battery indication
- Complete with pin moisture probe with cable, 9V battery and case



Measure moisture of wall material with non-invasive Pinless technology



Pin Moisture Probe included for making contact moisture measurements



Patented IR thermometer design locates cold spots on walls, which identifies surfaces subject to condensation (direct differential display of IR - DP)

BUILT IN IR Thermometer

Specifications	
Sensor Type	Non-Penetrating
Pinless Moisture	6 to 99.9 (Relative)
Pinless 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	6.5x2.8x1.5" (165x70x38)
Weight	7.4oz (210g)

Ordering Information:

MO290.....Pinless Moisture Psychrometer + IR Thermometer
MO290-NISTL* ..MO290 with NIST Certificate
MO290-P .....Replacement Pin Moisture Probe

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

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Specifications subject to change without notice.
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