Pinless Moisture Psychrometer + IR Thermometer

8-in-1 Meter with Memory and 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). Stores up to 20 labeled readings for further analysis. Measure Humidity and Air Temperature with built-in probe plus non-contact InfraRed Temperature design.
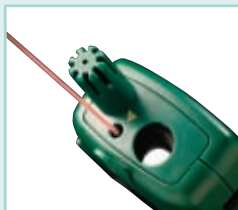
Features:

- Quickly indicates the moisture content of materials with Pinless technology without damaging the surface; Remote Pin-type probe (MO-P1 included) allows for contact moisture readings (3ft/0.9m cable length)
- Manually store/recall up to 20 labeled readings
- 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
- Fast Analog Bargraph
- 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

BUILT IN IR Thermometer

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

Specifications	
Sensor Type	Non-Penetrating
Memory	Manually Store/Recall 20 data readings
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:

MO295 ....Pinless Moisture Psychrometer w/Memory + IR Thermometer
MO295-NISTL* ..MO295 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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