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

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

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)