



## **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

**Specifications** 

Pinless Moisture

Pin-type Moisture (probe included)

Pinless Depth

Max Resolution

Temperature (Air)

Temperature (IR)

Vapor Pressure

**Dew Point** 

Mixing ratio

Field of View

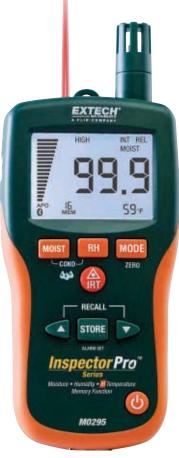
**Emissivity** Dimensions

Weight

Sensor Type

Memory

Humidity



Non-Penetrating

6 to 99.9 (Relative)

up to 0.75" (19mm)

-20 to 170°F (-29 to 77°C)

-4 to 392°F (-20 to 200°C)

-22 to 199°F (-30 to 100°C)

0 to 999GPP (0 to 160g/kg)

8:1 Distance to Target ratio

6.5x2.8x1.5" (165x70x38)

0 to 99.9%

0.1, 0.1°F/°C

0 to 100%RH

0 to 20.0kPA

0.95 fixed

7.4oz (210g)

Manually Store/Recall 20 data readings



Measure moisture of wall material with non-invasive Pinless technology



Pin Moisture Probe included for making contact moisture measurements





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

## **Ordering Information:**

M0295 ......Pinless Moisture Psychrometer w/Memory + IR Thermometer MO295-NISTL\* ..MO295 with NIST Certificate M0290-P .....Replacement Pin Moisture Probe

\*NISTL is a Limited NIS

