

# Pinless Moisture Psychrometer + IR Thermometer

## Bluetooth Transmitter with MeterLink™

Wirelessly transmits moisture and humidity data to your FLIR high-definition infrared camera to incorporate meter readings with thermal images.

**BUILT IN IR**  
Thermometer

### 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)
- 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 a patented 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



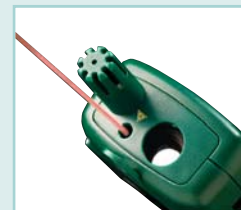
Patented



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)

### METERLINK™

FLIR infrared cameras rapidly reveal moisture problems in homes and commercial structures. Documenting water damage with a moisture meter can provide valuable added details about moisture issues. The process of correlating readings to infrared images however is awkward, imprecise and prone to errors. METERLINK™ expedites building inspections by annoting several moisture-related readings from damaged surfaces directly onto the related infrared image. METERLINK™ increases accuracy and eliminates confusion about which moisture readings pertain to which images. Add compelling details to your infrared reports by increasing the amount of detail you provide.

### Ordering Information:

MO297.....Pinless Moisture Psychrometer w/Memory + IR Thermometer  
MO290-P.....Replacement Pin Moisture Probe

### Specifications

Sensor Type	Non-Penetrating
Memory	Manually Store/Recall 20 data readings
Pinless Moisture	0 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)



