

Pinless Moisture Psychrometer + IR Thermometer

✓ **8-in-1 Meter with Memory and Patented 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 with patented IR 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)
- 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



Inspector Pro™
Series

Patented

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)



Measure moisture of wall material with non-invasive Pinless technology



Pin Moisture Probe included for making contact moisture measurements



BUILT IN IR Thermometer

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

Ordering Information:

MO295.....Pinless Moisture Psychrometer w/Memory + IR Thermometer
 MO295-NISTL* ..MO295 with NIST Certificate
 MO290-PReplacement 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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more info for Extech MO295

Phone: 01235 838 555

Email: cs@airconcern.co.uk

Web: www.airconcern.co.uk

Air Concern Ltd, Building 173 Curie Avenue Harvell Didcot, Oxfordshire