EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

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.

Features:

- Quickly indicates the moisture content of multiple wood types and other building 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)
- Wireless communication with FLIR Thermal Imaging Cameras (b60, i60, B-Series, and T-Series)
- Manually store/recall up to 20 labeled readings
- Easy to read, large dual display with automatic backlight feature and Fast Analog Bargraph
- 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/Humidity alarms
- Designed with an IR circuit to measure non-contact surface temperature
- 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
- Min/Max, Data Hold, and Auto power off
- Complete with pin moisture probe with cable, 9V battery and pouch case

METER LINK
Bluetooth

METERLiNK frees the Thermographer from the manual process of collecting field data

Infrared cameras quickly locate moisture related problems

Collecting moisture readings on damaged surfaces and associating them with regions on an infrared image can be a complicated and cumbersome process

Manual data collection is time-consuming and prone to errors. METERLiNK eliminates this problem by allowing the thermographer to quickly take moisture readings on a damaged surface and associate those readings with the corresponding targets stored in an infrared image

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)

Specifications	
Memory	Manually Store/Recall 20 data readings
Pinless Moisture (Non-Penetrating)	0 to 99.9 (Relative); Depth up tp 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/Weight	6.5x2.8x1.5" (165x70x38)/7.4oz (210g)

Ordering Information:

M0297.....Pinless Moisture Psychrometer w/Memory + IR Thermometer
M0290-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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