FLIR MR77
Pinless Moisture Meter

The FLIR MR77 Moisture Meter performs all the critical and advanced measurements professionals demand. Rugged design with field replaceable sensors are engineered to reduce downtime.

- Field Replaceable Temperature and Relative Humidity Sensor
- Integrated IR Thermometer provides fast non-contact surface temperature measurements
- Remote pin-type probe (included) allows for contact moisture readings
- Large LCD screen clearly displays moisture, humidity, and air temperature levels
- FLIR Tools Mobile connects the FLIR MR77 to your compatible smartphone and tablet via Bluetooth*
- METERLiNK® technology wirelessly integrates moisture readings on your image with FLIR Thermal Cameras
- All the sensors you need: Integrated pinless moisture sensor, Temperature and Relative Humidity, IR Thermometer and external Moisture Pin Probe
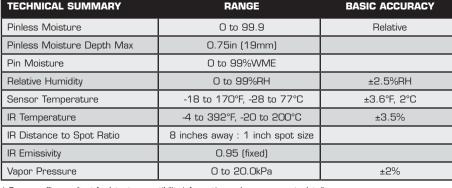
Features:
Grains Per Pound or Grains Per Kilogram, Dew Point, Condensation Point, Differential Temperature (IR and Dew Point), Material/Wood Groups, High/Low Humidity & Moisture Alarms, Store, Recall, Min/Max, Data Hold, Auto Power Off, Bright White LED Backlight, Low Battery Indication

Includes:
9V Battery, User Manual/CD, Temperature/RH Sensor, Wired Pin Probe and Limited Lifetime Warranty

TECHNICAL SUMMARY	RANGE	BASIC ACCURACY
Pinless Moisture	0 to 99.9	Relative
Pinless Moisture Depth Max	0.75in (19mm)	
Pin Moisture	0 to 99%WME	
Relative Humidity	0 to 99%RH	±2.5%RH
Sensor Temperature	-18 to 170°F, -28 to 77°C	±3.6°F, 2°C
IR Temperature	-4 to 392°F, -20 to 200°C	±3.5%
IR Distance to Spot Ratio	8 inches away : 1 inch spot size	
IR Emissivity	0.95 (fixed)	
Vapor Pressure	0 to 20.0kPa	±2%

* See www.flir.com/test for latest compatibility information and more warranty details

GENERAL INFORMATION	
Warranty	Limited Lifetime*
Bluetooth Range Max	32ft (10m)

Ordering Information

MR77 .... Pinless Moisture Meter
MR77-NIST .... MR77 with Certificate of Traceability to NIST
MR01 .... Replaceable Temp/RH Sensor
MR02 .... Replacement Pin Moisture Probe