FLIR MR77

5-in-1 Moisture Meter with METERLiNK®

The FLIR MR77 is an all-in-one moisture meter that helps you manage even the toughest water restoration projects. Rugged design with field replaceable sensors, the MR77 is engineered to help you get more done in less time.

Built to last.
Ruggedness you can trust for years

- Field replaceable temperature and relative humidity sensor

- 2 Meter Drop-Tested rubber overmolded pocket-sized design

- Industry-leading limited lifetime warranty with registration

All the sensors you need.
Convenient all-in-one water damage utility tool

- Features integrated pinless moisture sensor, temperature and relative humidity sensor, and IR thermometer for fast non-contact measurements

- Remote pin-type probe for contact moisture readings

- Calculated metrics based on multi-sensor input: Grains Per Pound or Grains Per Kilogram, Dew Point, Condensation Point , Differential Temperature (IR and Dew Point)

Advanced Documentation.
Create reports quickly and easily

- FLIR Tools Mobile connects the MR77 to your compatible iOS or Android smartphone and tablet

- Bluetooth* METERLiNK® technology wirelessly integrates moisture readings on your image with FLIR Thermal Cameras

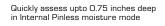- Manually store readings and recall up to 99 measurement points

Features
- 9 Material / Wood Groups, High/Low Humidity & Moisture Alarms, Min/Max, Data Hold, Auto Power Off, Bright White LED Backlight, Battery Status Icon, Store, Recall

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

Quickly assess upto 0.75 inches deep in Internal Pinless moisture mode

Integrated IR Thermometer with Laser Pointer to measure surface temperatures

Specifications

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
Ambien 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%

Ordering Information

MR77 ....Pinless Moisture Meter
MR77-NIST ....MR77 with Certificate of Traceability to NIST

Accessories

TA11.......................Protective Case for CM8x and CM7x Series
TA55 ....AC Current Line Splitter
TA70 ....CAT IV Insulated Alligator Clips
TA80 ....CAT IV Silicone Test Leads
MR01....................Replaceable Temp/RH Sensor
MR02 ....Replacement Pin Moisture Probe

View measurements on your tablet with free FLIR Tools Mobile

Optional accessories