



## 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 METERLINK-enabled 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%

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

\* See [www.flir.com](http://www.flir.com) for latest compatibility information and more warranty details



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