



PIN MOISTURE METER WITH BLUETOOTH®

FLIR MR55™

The MR55 is an affordable pin-based meter for professionals in moisture remediation, pest control, home or building inspection, and floor installation. It is a high-quality, reliable, and easy-to-use moisture-measurement tool. Wireless connectivity allows the user to view data on a mobile device from the FLIR Tools® Mobile app. Thanks to a built-in library of 11 material groups, users can tune the meter to the appropriate test material and improve measurement accuracy.



TAKE ACCURATE MEASUREMENTS

Rely on this standalone meter to provide high-quality data

- Pin moisture measurement automatically compensates for ambient temperature
- Improve accuracy by tuning the meter to the appropriate test material via built-in library of 11 material groups, including timbers, drywall, and concrete
- Measure ambient temperature and relative humidity



INSPECT ANYWHERE WITH EASE

Execute your job efficiently with powerful features that are easy to use

- Work in dim lighting with the backlit display and bright worklight
- Freeze measurements you see on the screen with the 'data hold' feature
- Quickly look up the correct material group on the FLIR website by using your mobile device to scan a QR code on the back of the meter
- Wirelessly connect the meter to FLIR Tools Mobile to view readings from a mobile device



COMPLETE YOUR WORK WITHOUT INTERRUPTION

Trust in this rugged and reliable meter to get the job done

- Verify correct operation of the meter before starting work using the calibration test feature
- Avoid prolonged work delays thanks to easily-replaceable electrode pins and standard AA batteries
- Stay current with the latest product enhancements by upgrading firmware as needed via micro USB port (located in the battery compartment)

SPECIFICATIONS

Moisture Measurement	Range	Accuracy
Moisture in Wood Group 1 - 9	7 - 29%	±2% MC*
	30 - 99%	Reference Only
Moisture in Building Materials (Group 10 and 11)	1 - 99% (Group 10)	Reference Only
	1 - 35% (Group 11)	
Environmental Measurement	Range	Accuracy
Ambient Temperature	0°C to 60°C (32°F to 140°F)	±1°C (2°F)
Ambient Relative Humidity	0 - 20% ±5%	±4%
	20 - 80% ±3.5%	±2%
General Information		
Connectivity	Bluetooth BLE Communications Protocol: METERLiNK®	
Worklight	White LED	
Display	Backlit, multifunction LCD	
Electrode Pins	Integrated, replaceable, 10 mm (0.4 in)	
Measurement Principle	Electrical resistance using pins	
Warranty	Limited 3 years	
Battery Type	(2) x 1.5 V AA	
Battery Life	Typical 70 hours without worklight	
Battery Status Indicator	4-bar battery icon (100% to empty)	
Auto Power Off (APO)	After 20 minutes	
Operating RH/ Temperature	85% Relative Humidity maximum / 0°C to 60°C (32°F to 140°F)	
IP Rating	IP40	
Safety Compliance	CE, RCM, FCC/IC	
Drop Test	2 m (6.6 ft)	
Housing Material	Impact-resistant plastic	
Weight	160 g (5.6 oz) battery excluded	
Dimensions	188 x 58 x 33 mm (7.4 x 2.3 x 1.3 in)	

* Maximum specified range is dependent on the fiber saturation point for specific species. For more information refer to the user manual.

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18-1211-INS



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