

P/N: MR55

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Website

<http://www.flir.com>

Customer support

<http://support.flir.com>

Disclaimer

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General description	
Part number	MR55
Part name	Pin moisture meter with Bluetooth
<p>The MR55 is the right choice for professionals looking for a cost effective, accurate, rugged and reliable pin based moisture meter. Connect via FLIR MeterLink protocol to the FLIR Tools App on your mobile iOS device and display moisture content, ambient air temperature (or relative humidity) and the material group number.</p> <p>Ideal for building inspectors, moisture remediation technicians, pest control professionals and residential roofing and flooring contractors.</p> <ul style="list-style-type: none"> • Accurate moisture measurements- Temperature compensated and tuned to the test material (11 Material groups) • QR code on the back of meter for looking up Material Groups on FLIR website • Bright LED Work light • Backlit LCD • Self-test calibration verification (test points in protective cap) • Replaceable electrode pins • Lanyard Cap Retention 	
Moisture measurement	
Range	1% to 99% MC (moisture content)
Accuracy	<p>Moisture in wood (Groups 1-9)</p> <ul style="list-style-type: none"> • 7- 29% Moisture Content: +/- 2% • 30- 99%: Reference only <p>Moisture in building materials (Groups 10- 11):</p> <ul style="list-style-type: none"> • 1- 99% (Group 10): Reference only • 1- 35% (Group 11): Reference only <p>Note: Use QR code on back of meter to look up Material group definitions on FLIR Website</p>
Calibration/ Pin Check, Integrated in Cap	Test points: Top 18% (+/-1), Bottom 26% (+/-1)
Environmental measurement	
Ambient Temperature Range/ Accuracy	0°C to 50°C (32°F to 122°F)/ +/- 1°C (2°F)
Ambient Relative Humidity Range/ Accuracy	0 - 10% / ±4%
	10 - 85% / ±2%



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Meter data	
Work light	White LED
Display	Backlit LCD
Electrode pins	Integrated, Replaceable
Electrode pin length	10 mm (0.4 in.)
Measurement Principle	Electrical Resistance
Warranty	https://www.flir.com/testwarranty
Calibration cycle	N/A
Certifications	
Certifications	CE, RCM
Power system	
Power requirements	(2) × 1.5V 'AA'
Battery life	70 Hrs W.O Worklight
Battery status indicator	4 Bar battery icon (100% to empty)
Auto Power Off (APO)	After 20 minutes
Environmental data	
Drop test	2 m (6.6 ft.)
Ingress Protection Rating	IP40
Operating temperature / Relative Humidity	0–50°C (32 to 122°F) / 85% Relative Humidity maximum
Physical data	
Weight	160 g (5.6 oz) Battery excluded
Dimensions (H × W × L)	188 x 58 x 33 mm (7.4 x 2.3 x 1.3 in.)
Material	Impact resistant plastic
Color	Black
Shipping information	
Packaging type	Gift box with colored sleeve
Packaging contents	<ul style="list-style-type: none">MR55 Pin-based moisture meter with BLE connectivityPouch2 × AA alkaline batteriesSpare pin-setQuick Start manualWarranty cardLine card
Packaging weight	0.43 kg (1.0 lb.)
Packaging dimensions (H × W × L)	15.0 × 5.0 × 28.7 cm (5.9 × 2.0 × 11.3 in.)
Carton weight	6.5 kg (14.3 lb.)
Carton dimensions (H × W × L)	47 × 31 × 41.5 cm (18.5 × 12.2 × 16.3 in.)
Carton quantity	15
EAN-13	0793950370568
UPC-12	793950370568
Country of origin	China
Tariff code	9027.80.4560



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Accessories

MO200-PINS Replacement pins (50 pins)	
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Technical support

Website	http://support.flir.com
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