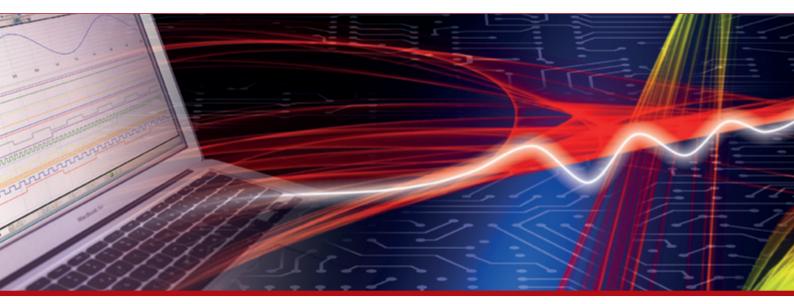


# **Product Datasheet - Technical Specifications**



More information in our Web-Shop at ▶ www.meilhaus.com

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# **\$FLIR**®

## MR55 Pin moisture meter with Bluetooth

## **P/N: MR55**

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## **Document identity**

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Website

http://www.flir.com

#### **Customer support**

http://support.flir.com

#### Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



General description	
Part number	MR55
Part name	Pin moisture meter with Bluetooth

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.

Ideal for building inspectors, moisture remediation technicians, pest control professionals and residential roofing and flooring contractors.

- 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	Moisture in wood (Groups 1-9)
	<ul><li>7- 29% Moisture Content: +/- 2%</li><li>30- 99%: Reference only</li></ul>
	Moisture in building materials (Groups 10- 11):
	<ul><li>1- 99% (Group 10): Reference only</li><li>1- 35% (Group 11): Reference only</li></ul>
	Note: Use QR code on back of meter to look up Material group definitions on FLIR Website
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%



# MR55 Pin moisture meter with Bluetooth

### P/N: MR55

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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	<u> </u>	
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 $(H \times W \times L)$	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	MR55 Pin-based moisture meter with BLE connectivity Pouch 2 × AA alkaline batteries Spare pin-set Quick Start manual Warranty card Line card	
Packaging weight	0.43 kg (1.0 lb.)	
Packaging dimensions (H × W × L)	$15.0 \times 5.0 \times 28.7$ cm ( $5.9 \times 2.0 \times 11.3$ in.)	
Carton weight	6.5 kg (14.3 lb.)	
Carton dimensions (H × W ×L)	$47 \times 31 \times 41.5$ cm (18.5 × 12.2 × 16.3 in.)	
Carton quantity	15	
EAN-13	0793950370568	
UPC-12	793950370568	
Country of origin	China	



# MR55 Pin moisture meter with Bluetooth

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Accessories		
MO200-PINS Replacement pins (50 pins)		
Technical support		
Website	http://support.flir.com	