MR59 Ball probe moisture meter with Bluetooth

P/N: MR59

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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	MR59
Part name	Ball probe moisture meter with Bluetooth

The MR59 is the right choice for professionals looking for a cost effective, rugged and reliable pin-less moisture meter. The Ball tip design makes it easy to run over, and around objects on the measuring surface. This combined with the non-invasive measurement principle, allows you to cover a large target area in short time without leaving a mark. Use with the optional MR04 extension pole to reduce the need for a ladder, or to optimize ergonomics for 'high' and 'low' measuring targets.

Don't' underestimate remediation work scope due to hidden moisture problems! Identify potential moisture problems not visible on the surface, as deep as 100 mm (4 in.) depending on the target material.

Connect via FLIR MeterLink protocol to the FLIR Tools App on your mobile iOS device and display current relative moisture content (0-100%) together with min and max readings. Ideal for building inspectors, moisture remediation technicians, pest control professionals and residential flooring contractors.

- Relative measurement- Range 0 to 100 %
- Work Light
- Large display with backlight
- Moisture level Alert setting

Measurement	
Measurement Range	0% to 100%
Measurement Accuracy	Relative measurement
Measurement detection depth	Sensing depth up to 100 mm (4.0 in.), depending on material under test.

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Meter data	
Work light	White LED
Display	Backlit LCD
Measurement Principle	Capacitance ball sensor (non-invasive)
Warranty	https://www.flir.com/testwarranty
Calibration cycle	N/A

Certifications	
Certifications	CE, RCM

Power system	
Power requirements	9V battery (rear compartment)
Battery life	40 hours typical, W.O Worklight
Battery status indicator	4 Bar battery icon (100% to empty)
Auto Power Off (APO)	After 30 minutes

Environmental data	
Drop test	2 m (6.6 ft.)
Ingress Protection Rating	IP40
Operating RH/ Temperature	90%, 0-30°C (32-86°F) 75%, 30-40°C (86-104°F) 45%, 40-50°C (104-122°F)

Physical data	
Weight	245 g (8.6 oz)
Dimensions (H × W × L)	240.5 x 67 x 38 (9.5 x 2.6 x 1.5 in.)
Material	Impact resistant plastic
Color	Black

Shipping information	
Packaging type	Gift box with colored sleeve
Packaging contents	• MR59 Non-invasive Ball type moisture meter with BLE connectivity • Pouch • 1 × 9V alkaline battery • Quick Start manual • Warranty card • Line card
Packaging weight	0.37 kg (0.82 lb.)
Packaging dimensions (H × W × L)	15.0 × 7.9 × 28.7 (5.9 × 3.1 × 11.3 in.)
Carton weight	6.6 kg (14.6 lb.)
Carton dimensions (H × W ×L)	47 × 31 × 41.5 cm (18.5 × 12.2 × 16.3 in.)
Carton quantity	15
EAN-13	0793950370599
UPC-12	793950370599
Country of origin	China
Tariff code	9027.80.4560

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Technical support	
Website	http://support.flir.com

Supplies & accessories:

- MR04; Extension pole

Teledyne FLIR LLC
9 Townsend West, Nashua NH 03063 / Phone: 603.324.7800 / Fax: 603.324.7864

Declaration of Conformity

Extech Model: ***MR59***
Description: ***Pinless Moisture Meter w/BT***
Date of Issue: ***12-Jul-21***

We, Teledyne FLIR LLC, 9 Townsend West, Nashua, NH 03063 declare that a sample of the product listed above has been tested by a third party for CE marking

EMC Directive: **2014/30/EU**
Report Number: **CE180815N040**
RM180815N040
Report Date of Issue: **9/27/2018**

Standards:
EN 61326-1:2013
EN 61326-2-2:2013
DRAFT EN 301 489-1 V2.2.0 (2017-03)
DRAFT EN 301 489-17 V3.2.0 (2017-03)

RED Directive: **2014/53/EU**
Report Number: **RE 180815N040**
Report Date of Issue: **9/28/2018**

Standards:
EN 300 328 V2.1.1 (2016-11)

RoHS Directive: **EU DIrective 2015/863/EU (RoHS 3)**

The test reports show that the product fulfills the requirement in the EC EMC Directive, RED Directive, and RoHS Directive for CE Marking. On this basis, together with the manufacturer's own documented production control, the manufacturer (or his European authorized representative) can in his EC Declaration of Conformity verify compliance with the EC EMC Directive, RED Directive, and RoHS Directive.

Mark Sultzbach / QA Manager

Taipei, Taiwan July 28, 2021

UK Declaration of Conformity

Product: FLIR MR59

Name and address of the manufacturer: Teledyne FLIR LLC,
9 Townsend West,
Nashua, NH 03063

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration: FLIR MR59.

The object of the declaration described above is in conformity with the relevant statutory requirements applicable to the specific product:

Standards review between UK and EU

UK legislation refr.	UK designated standard*	EU regulation refr.	EU harmonised standard
EMC		**EMC**	
S.I. 2016 No. 1091	EN 61326-1:2013	2014/30/EU	EN 61326-1:2013
S.I. 2016 No. 1091	EN 61326-1:2013	2014/30/EU	EN 61326-2-2:2013
S.I. 2016 No. 1091	EN 301 489-1 V2.2.0	2014/30/EU	DRAFT EN 301 489-1 V2.2.0 (2017-03)
S.I. 2016 No. 1091	EN 301 489-17 V3.2.0	2014/30/EU	DRAFT EN 301 489-17 V3.2.0 (2017-03)
Radio equipment (RE)		**RED**	
S.I. 2017 No.1206	ETSI EN 300 328 v2.1.1	2014/53/EU (RED)	EN 300 328 V2.1.1 (2016-11)
RoHS			
S.I. 2012 No. 3032	EN 50581:2012	2015/65/EU (RoHS)	EN 50581:2012

* https://www.gov.uk/guidance/designated-standards
Designated standards: EMC – consolidated list, version 1, 1 January 2021
Designated standards: radio equipment – consolidated list, version 1, 1 January 2021.
Designated standards: RoHS – consolidated list, version 1, 1 January 2021

FLIR Commercial Systems
Quality Assurance

Hank Tsai

Hank Tsai
Quality Manager