FLIR MR40

P/N: MR40

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Document identity

Publ. No.: MR40
Commit: 78763
Language:
Modified: 2021-08-19
Formatted: 2021-08-19

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.



Part number	MR40
Part name	Moisture Pen + Flashlight
Part description	The FLIR MR40 is a rugged 2-pin, single-scale moisture meter with an integrated flashlight for wood and common building materials—ideal for builders, building inspectors, remodelers, moisture remediation technicians, pest control professionals, and residential roofing and flooring contractors. Providing reliable and accurate measurements at a highly affordable price point, the FLIR MR40 is a quick and easy-to-use tool to find and quantify moisture problems. With its pen-like form factor, the FLIR MR40 can be carried in a shirt pocket, ready to work. • Sleek design for getting into corners. • Replaceable pins—spare set included. • Measurement “hold” function. • Lanyard cap retention.

Measurement	
Measurement range	5–60% MC (moisture content)
Measurement accuracy	• 5–30 ± 2% MC • 30–60% MC: reference only **NOTE** The displayed reading is for Group 9/Building materials, including plywood, drywall, and oriented-strand board. For other materials, refer to the conversion chart available on the FLIR customer support website: http://tinyurl.com/jteb653
Audible indication	5–12%: low beep rate. 13–60%: higher beep rate. >60%: highest beep rate (display OL)
Calibration/pin check, integrated in cap	16%

Meter data	
Work light	~40 lumens
Display	LCD
Electrode pins	Integrated, replaceable
Measurement principle	Electrical resistance
Warranty	https://www.flir.com/testwarranty
Calibration cycle	N/A

Certifications	
Certifications	CE

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Power system	
Power requirements	2 × AAA alkaline batteries
Battery life	70 hours without flashlight
Battery status indicator	4-bar battery icon
Auto power off (APO)	3 minutes

Environmental data	
Drop test	3 m (9.8 ft.)
Ingress protection rating	IP54 splash proof
Operating temperature	–10 to +60°C (14–140°F)

Physical data	
Weight	80 g (2.8 oz) with battery
Dimensions (H × W × L)	193 mm × 26 mm × 31 mm (7.6 in. × 1.0 in. × 1.2 in.)
Material	PC-ABS with TPE overmold
Color	Gray and black

Shipping information	
Packaging type	Color box with view of product in clamshell
Packaging contents	• MR40 Moisture Pen + Flashlight • 2 × AAA Energizer batteries • Spare pin set • User manual
Packaging weight	0.17 kg (0.38 lb.)
Packaging dimensions (H × W × L)	24.5 cm × 8.5 cm × 6.5 cm (9.7 in. × 3.4 in. × 2.5 in.)
Carton weight	4.7 kg (10.3 lb.)
Carton dimensions (H × W × L)	47.7 cm × 37 cm × 20 cm (18.8 in. × 14.6 in. × 7.9 in.)
Carton quantity	20
EAN-13	0793950370414
UPC-12	793950370414
Country of origin	China
Tariff code	9025803500

Accessories	
MO25-PINS	Spare Electrode Pins (10 pins per pack)

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

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

Declaration of Conformity

Extech Model: ***MR40***
Description: ***Moisture Pen w/BlueTooth***
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: **R11484994-E1**
Report Date of Issue: **12/7/2016**

Standards:
EN 61326:2013
EN 61000-3-2:2006+A2:2009
EN 61000-3-3:2013

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

The test reports show that the product fulfills the requirement in the EC EMC 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 and RoHS Directive.

Mark Sultzbach / QA Manager

Taipei, Taiwan July 27, 2021

UK Declaration of Conformity

Product: FLIR MR40

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 MR40.

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 61000-3-2:2006	2014/30/EU	EN 61000-3-2:2006+A2:2009
S.I. 2016 No. 1091	EN 61000-3-3:2013	2014/30/EU	EN 61000-3-3:2013
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: RoHS – consolidated list, version 1, 1 January 2021

FLIR Commercial Systems
Quality Assurance

Hank Tsai

Hank Tsai
Quality Manager