



## FLIR MR40

### Moisture Pen + Flashlight

The FLIR MR40 is a pocket-portable, 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 offered at a highly affordable price point, MR40 is a quick and easy-to-use tool to find and quantify moisture content.

When used in combination with a thermal camera, MR40 can help confirm whether a cold spot in a thermal image is moisture, and measure the severity of the problem.



Integrated worklight eliminates the need to carry a separate flashlight



Rugged, compact design for measurements in tight spaces

### Easy to use

*Simple and effective tool for reliable measurements*

- Clear LCD display
- Simple On/Off button with 'Auto Power Off'
- Replaceable pins (includes 2nd set)
- Audible indication of measured range (5- 12%, 13- 60%, 60%+)

### Convenient, portable, rugged design

*Ready to work when and wherever you are*

- Small enough to carry in your pocket and take measurements in tight spaces
- IP54 splash-proof rated, operating temperature: -10°C to 50°C
- 3-meter drop tested

### Reliable and accurate measurements

*Provides essential features and functions to quickly verify and quantify moisture*

- Measurement 'Hold' function
- Calibration/Pin check integrated in cap

## Specifications

| Measurements                              |   |
|---|---|
| Measurement Range                         | 5% to 60% MC (Moisture Content)   |
| Measurement Accuracy                      | 5 to 30% MC (Moisture Content): +/- 2%<br>30 to 60% MC (Moisture Content): Reference only<br><br>Note: For materials other than Group 9/Building Materials: plywood, drywall, and oriented strand board (OSB), download the MR40 Material Conversion Table (publication MR40-AN01): <a href="http://tinyurl.com/jteb653">http://tinyurl.com/jteb653</a> |
| Audible Indication                        | 5 to 12%: Low Beep rate. 13 to 60%: Higher beep rate. More than 60%: Highest Beep rate (Display OL)   |
| Calibration/ Pin Check, Integrated in Cap | 16%   |
| General Information                       |   |
| Flashlight                                | ~40 lumens  |
| Display                                   | LCD   |
| Electrode pins                            | Integrated, Replaceable (4 pins included)   |
| Measurement Principle                     | Electrical Resistance   |
| Warranty                                  | Limited lifetime  |
| Calibration cycle                         | N/A   |
| Battery type                              | 2 x AAA alkaline batteries (included)   |
| Battery life                              | 70 Hrs W/O Flashlight   |
| Battery status indicator                  | 4 Bar battery icon  |
| Auto Power Off (APO)                      | 3 minutes   |
| Drop test                                 | 3 m (9.8 ft.)   |
| IP Rating                                 | IP54 Splash Proof   |
| Operating temperature                     | -10 to 60°C (14 to 140°F)   |
| Weight                                    | 80g (2.8 oz) with batteries   |
| Dimensions (H x W x L)                    | 193 x 26 x 31 mm (7.6" x 1.0" x 1.2")   |
| Material                                  | PC-ABS w/TPE Overmold   |

| What's in the Box   | UPC          |
|---|--------------|
| MR40 Moisture Pen + Flashlight (spare set of pins in box) | 793950370414 |
| Accessories Optional                                      |              |
| MO25-PINS Spare electrode pins (10 pins per pack)         | 793950470268 |

Specifications are subject to change without notice. For the most up-to-date specifications, go to [www.flir.com](http://www.flir.com)



Quick and easy to use; reliable and accurate results



Use MR40 to confirm whether the cold spot found in a thermal image is moisture



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