



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% 30 to 60% MC (Moisture Content): Reference only 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): http://tinyurl.com/jteb653 |
| 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



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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