



# FLIR MR60

## Moisture Meter Pro

The FLIR MR60 Moisture Meter Pro is an easy-to-use pin and pinless moisture meter with advanced functionality to meet all your professional measurement needs. An integrated pinless sensor and an external pin probe provide the flexibility to take either destructive or non-destructive measurements. Select one of the eleven material groups for pin moisture, or set a reference point for pinless moisture scanning. Conveniently save your measurements as screenshots and in a CSV file with the date, time, and settings. The MR60 is also compatible with FLIR's full line of external moisture probes, so you have the flexibility to expand your meter as needed. Built portable and durable enough to withstand a 3-meter drop, you can take MR60 with you anywhere – even to your toughest jobs.

### Flexibility to take both destructive and non-destructive measurements.

*Pin and pinless moisture meter*

- Quickly scan for moisture using the integrated non-invasive pinless moisture sensor
- External pin probe (included) for resistive moisture content measurements
- Pin or Pinless moisture readings are displayed with large digits and color bargraph

### Advanced functionality to meet all your professional needs.

*Clear, accurate readings*

- Save up to 10,000 screenshots and readings that you can transfer & view via PC/USB
- Eleven (11) material group selections for pin-based readings
- Programmable high moisture alarm with audible and color visual alerts

### Simple to use and create reports.

*No special training required to operate*

- Bright, easy-to-read color display
- Intuitive graphical user interface with helpful function labels in local languages
- File management & report generation with free FLIR Tools PC software



Verify moisture with pinless measurements



MR02  
External pin probe for resistive moisture readings

## Specifications

| FLIR MR60 Moisture Meter Pro          |  |                         |                           |
|---------------------------------------|--|-------------------------|---------------------------|
| Pin moisture via external probe range | Wood groups 1-9:<br>1-5: oak, most maples, pine, hickory, teak, sycamore<br>6-9: building materials: plywood, drywall, OSB       | 7% - 30%<br>30 % - 100% | ±1.5%<br>(reference only) |
|                                       | Construction material groups:<br>10: brick, cement screed, concrete<br>11: cement mortar, anhydrite screed, lime mortar, plaster | 0- 20%                  | (reference only)          |
| Pinless moisture range                | 0–100 relative measurement   |                         |                           |
| Pinless moisture depth                | 1.9cm (0.75") maximum  |                         |                           |
| Sample rate                           | 10Hz (approx., both modes)   |                         |                           |
| Measurement resolution                | 0.1  |                         |                           |
| Response time Pinless                 | 100 ms   |                         |                           |
| Response time Pin Mode                | 750 ms   |                         |                           |
| General information                   |  |                         |                           |
| Display type (W x H)                  | QVGA (320 x 240) pixel 2.3" 64K color TFT graphical display  |                         |                           |
| Warranty                              | 2 years  |                         |                           |
| Stored data file format               | Comma Separated Values (.csv) format with date/time stamp. Reading value, reading type included.                                 |                         |                           |
| Saved image file format               | Bitmap (.bmp) with measurement values overlaid   |                         |                           |
| Stored image capacity                 | 9999 images  |                         |                           |
| Internal memory                       | 4GB  |                         |                           |
| Certification standards               | EN61326 (EMC), EN61010 (Battery + Charger)   |                         |                           |
| Agency approvals                      | FCC Class B, CE, UL  |                         |                           |
| Power requirements                    | Integrated rechargeable battery  |                         |                           |
| Continuous Run Time                   | 18 hours max   |                         |                           |
| Typical Usage                         | 4 work weeks   |                         |                           |
| Auto power off                        | Programmable: OFF, 1, 5, or 20 minutes   |                         |                           |
| Power adapter                         | 100–240 V input/ 5 V 1A output   |                         |                           |
| Battery                               | 3.7 V, 3000mAh Li-ion rechargeable via micro USB   |                         |                           |
| IP Rating/Drop Test                   | IP54/3m (9.8 ft)   |                         |                           |
| Operating temperature                 | 0~50 °C (32~122 °F)  |                         |                           |
| Storage temperature                   | -10~60°C (14~140°F)  |                         |                           |
| Operating humidity                    | ≤ 90%, 0~30°C (32~86°F)<br>≤ 75%, 30~40°C (86~104°F)<br>≤ 45%, 40~50°C (104~122°F)   |                         |                           |
| Storage humidity                      | 90% RH   |                         |                           |
| Includes                              | MR60, MR02 pin probe, Quick Start Guide, International Charger, Warranty Card, Brochure Card                                     |                         |                           |

\*See FAQs at [flir.com/MR60](http://flir.com/MR60)



MR02

| Ordering Information              | UPC          | EAN           |
|-----------------------------------|--------------|---------------|
| MR60                              | 793950370605 | 0793950370605 |
| MR02 Replacement Simple Pin Probe | 793950370025 | 0793950370025 |



Register within 60 days  
of purchase at  
[www.flir.com/testwarranty](http://www.flir.com/testwarranty)

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