

Product Datasheet - Technical Specifications



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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 |
| <p>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.</p> <p>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.</p> <p>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.</p> <ul style="list-style-type: none"> • 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. |
| Meter data | |
| Work light | White LED |
| Display | Backlit LCD |
| Measurement Principle | Capacitance ball sensor (non-invasive) |



MR59 Ball probe moisture meter with Bluetooth

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#MR59; r. 78765; en-US

| Meter data | |
|----------------------------------|---|
| 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 x W x 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 | <ul style="list-style-type: none">MR59 Non-invasive Ball type moisture meter with BLE connectivityPouch • 1 x 9V alkaline batteryQuick Start manualWarranty cardLine card |
| Packaging weight | 0.37 kg (0.82 lb.) |
| Packaging dimensions (H x W x L) | 15.0 x 7.9 x 28.7 (5.9 x 3.1 x 11.3 in.) |
| Carton weight | 6.6 kg (14.6 lb.) |
| Carton dimensions (H x W x L) | 47 x 31 x 41.5 cm (18.5 x 12.2 x 16.3 in.) |
| Carton quantity | 15 |
| EAN-13 | 0793950370599 |
| UPC-12 | 793950370599 |
| Country of origin | China |
| Tariff code | 9027.80.4560 |
| Technical support | |
| Website | http://support.flir.com |

Supplies & accessories:

- MR04; Extension pole