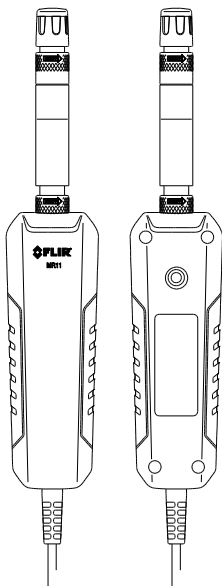# FLIR MR11

Handheld Temperature & Humidity Sensor Accessory

Introduction

Thank you for selecting the FLIR MR11. Relative Humidity (%) and Temperature ($^{o}C/^{o}F$) are displayed when connected to a compatible FLIR moisture meter (MR77 and MR176, for example). The MR11 connects to the moisture meter's input jack using the supplied cable. The integrated ¼-20 threaded insert on the underside of the probe allows for mounting using the supplied wall mount bracket, TA52 Magnetic Mount or optional MR04 Extension pole. **Note: We package the MR01 sensor separately from the MR11 Probe; please locate the sensor before discarding packaging.**
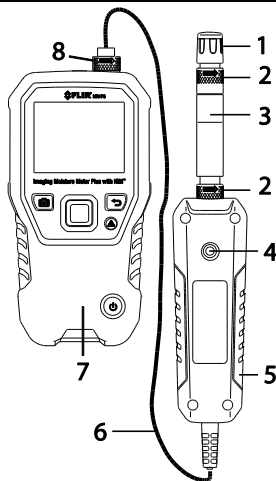
Safety

- Use this device only for purposes outlined in this manual. Misuse may cause damage to the MR11 and/or external devices, and can cause personal injury.
- Do not handle the MR11 by the probe sensor area and do not allow moisture to enter the probe sensor cavity.
- Do not allow children to handle the device, its cabling, or the packing materials.

Description

1. RH/Temperature sensor (FLIR MR01)

2. Threaded sensor removal collars

3. Probe extender

4. Threaded insert

5. Probe handle

6. Connecting cable

7. FLIR Moisture Meter example

8. Cable-to-meter plug

Operation

1. Connect the MR01 probe extension assembly (1, 2, 3) onto the handle (5) and tighten with the threaded collar.
2. To connect the MR11 to the moisture meter using the coiled cable, connect the cable-to-meter plug (8) to the moisture meter's sensor jack.
3. Power the moisture meter and program it to display Relative Humidity and Temperature (typically by selecting 'psychrometrics' from the meter 'Image Mode' menu).
4. Hold sensor in the area under test and view measurements on the moisture meter display.

Specifications

- Measurement Ranges:
  RH: 0 ~ 99%; Temperature: -18 ~ 170°F (-28 ~ 77°C)
- Dimensions:
  Cable length: 6 ft. (1.8m) uncoiled
  Sensor: Ø 0.62 x 1.45 in. (Ø 16 x 37 mm) without extender
  Handle: 1.45 (D) x 1.77 (W) x 5.35 (H) in. (37 x 45 x 136 mm)
  Extender length: 4.33 in. (110 mm)
- Weight: 7.23 oz. (205 g)
- Included accessories: Wall mount bracket and TA52 Magnetic Mount
- Optional: MR04 Extension Pole

Customer Care

For Technical Support: email <u>TMSupport@flir.com</u> or call +1 855-499-3662
(option 3). For User Manual translations please visit **www.flir.com**

FLIR Test and Measurement Limited 3-Year Warranty

This product is protected by FLIR's 3-Year Limited Warranty. Visit
<u>www.flir.com/testwarranty</u> to read the 3-Year Limited Warranty document.
Register your product at the website to receive a free 1-year warranty extension.