

Moisture doesn't tell you where it's hiding.

Moisture Meters and Accessories by FLIR



Equipped with **IGM™**
Infrared Guided Measurement



The World's **Sixth Sense™**

THREE STRIKES AND MOISTURE IS OUT!

FLIR is proud to offer the most innovative selection of moisture meters, thermal imagers, and probe accessories to date. Building on the FLIR thermal heritage and recognizing that moisture issues are not always clearly visible, FLIR produced the world's first moisture meters with exclusive **Infrared Guided Measurement (IGM™) technology** – the MR160 and MR176 – by letting you see invisible cold temperature patterns associated with moisture evaporation, visually guiding you to the precise spot that needs further testing and investigation.

No matter what challenge you're up against, FLIR has a solution for your toughest water restoration projects, helping you find moisture intrusion issues faster than ever.



MR77
Moisture Meter with Temperature and Humidity



MR160
Imaging Moisture Meter with IGM

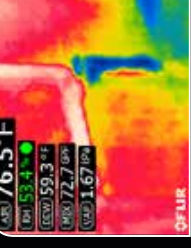


MR176
Imaging Moisture Meter with Temperature and Relative Humidity plus IGM

Equipped with IGM
Infrared Guided Measurement



From scouting water damage to moisture mapping to confirming the drying process has been completed, FLIR offers



Window leak: Rainbow
Thermo Hygrometer



FINDING HIDDEN MOISTURE HASN'T BEEN THIS EASY

FLIR MR176 IMAGING MOISTURE METER

FLIR MR176 is a premium imaging moisture meter with capabilities as a three-in-one moisture meter, plus the IGM (Infrared Guided Measurement) technology for convenience that you have ever experienced before. IGM with a pin/pinless moisture meter and thermal imager is a unique feature set ideal for restoration and drying professionals who need environmental

- Ideal for moisture professionals who need environmental
- Customize readings on thermal image: moisture, temperature, relative humidity, dew point, vapor pressure, mixing ratio
- Lock-image setting prevents extreme temperatures from interfering with images while scanning
- Meter indicates when relative humidity readings have stabilized
- Images are saved to on-board memory with measurement values for reference or USB download later
- See slow evaporation caused by poor airflow in the drying process
- 18 hour battery life (rechargeable)



Field Replaceable T/RH Sensor



Pin or Pinless Measurements



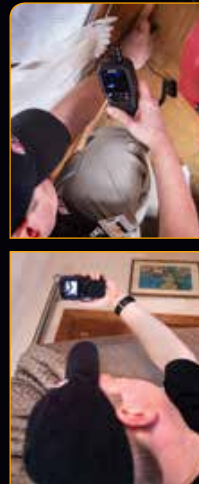
UNPINNED MOISTURE METER

- Pinless technology for fast non-intrusive measurements
- External pin probe included for contact moisture measurements
- Easy targeting with laser pointer and display crosshairs
- Document thermal images and moisture readings on one screen
- Review images and generate reports with free FLIR Tools software
- 18-hour rechargeable battery

UNPINNED MOISTURE METER

The FLIR MR160 is a handheld and pinless meter designed to show general moisture readings exactly where to measure. The Lepton thermal camera sensor that powers the MR160 lets you see invisible cold temperature moisture evaporation, visually guiding you to areas of concern and investigation. Built tough for professional use, the MR160 comes with a 2-year warranty, the MR160 can serve as your go-to tool for moisture detection. The built-in thermal camera you already own—helping you find areas of concern and capture reliable data more efficiently.

visit www.flir.com/MR160



Scan for Targets

Pin Moisture Probe

MOISTURE DETECTION GOES WIRELESS

FLIR MR77 MOISTURE METER

The FLIR MR77 Moisture Meter performs all the critical and advanced measurements restoration and drying professionals demand. Equipped with a pinless moisture sensor and pin probe for non-intrusive or intrusive readings, temperature and relative humidity sensor, and IR thermometer, the MR77 has all the sensors you need in one convenient tool. The FLIR Tools Mobile App connects MR77 to your iOS or Android smartphone or tablet via Bluetooth so you can create reports quickly and easily. Featuring METERLiNK technology, you can wirelessly integrate your moisture readings onto your thermal images from a FLIR thermal camera. Built rugged with field-replaceable sensors, the MR77 is engineered to reduce downtime and help you get more done in less time.

For more information please visit www.flir.com/MR77



Clockwise from top: Integrated Pinless Moisture Sensor; Connect METERLiNK Cameras and MR77; View measurements on smart devices

- Bluetooth capability for advanced documentation
- Calculated metrics based on input: Grains Per Pound, Dew Point, Condensation Point, Temperature (IR and DLI)
- Manually store readings and measurement points
- Durable rubber overmold



MR05 Impact Probe

MR06 Wall Cavity Probe

MR08 Hammer/Wall Probe Combo

Single piece design stays tight and aligned

UPGRADE YOUR MOISTURE METER

MOISTURE PROBE ACCESSORIES

FLIR offers a quality line of probe accessories to meet advanced measurement needs. Upgrade your moisture meter to meet advanced measurement needs with optional external pin probes on hard woods and deep wall cavities, or to get through an obstructed area like hardwood flooring. Designed for everyday job durability of the system (probe, pins and cord),



MR08 Hammer/Wall Probe Combo complete with pins and case

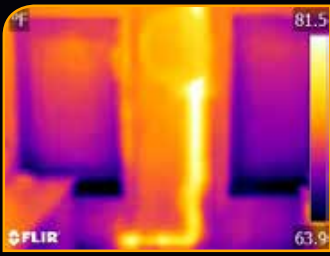
PERFORMANCE COMPARISON

MOISTURE METER THAT'S RIGHT FOR YOU

	MR77	MR160	MR176
Accuracy	✓	✓	✓
Depth	✓	✓	✓
and Relative Humidity	✓	-	✓
ICM)	-	✓	✓
Scale, Greyscale)	-	-	✓
Connects via USB	-	✓	✓
Replaceable Pins	✓	-	-

PART NUMBER	MR05 IMPACT PROBE	MR06 WALL CAVITY PROBE	MR07 HAMMER PROBE
Impact Plate (to use your own hammer)	✓	✓	-
Integrated Slide Hammer	-	-	✓
Insulated Pins (Included)	-	4" & 6"	2x2"
Extension Pins	-	✓	-
Shoulder Case (Included)	-	-	✓
Works with MR77, MR160, MR176	✓	✓	✓
No Slip Rubber Grips	✓	✓	✓
Replaceable Pins	✓	✓	✓

FIND MOISTURE ISSUES FROM FARTHER AWAY WITH THE POWER OF THERMAL IMAGING



Pipe in wall Thermal Image



Pipe in wall Thermal Image with MSX

EXPLORE THE FLIR C2 AND FLIR E6

Gain a competitive advantage and increase your business. If you face customers every day or your work requires scanning large areas and rooms at longer distances, you'll benefit from adding a FLIR C2 or E6 thermal imager to your tool selection. You'll be able to visually show your customers high-detail thermal images of the moisture issues you find, and create professional reports. Then confirm your findings with a FLIR moisture meter to determine the actual moisture level.

- Get crisp image clarity with Multi-Spectral Dynamic Imaging (MSX)
- Produce detailed thermal images and reports
- Scan large areas and benefit from higher-resolution thermal images
- E6 thermal imager meets RESNET standards

Find out more about the E6 at: www.flir.com/E6
Learn more about the C2 at: www.flir.com/c2



FLIR E6

FLIR C2

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