

# TRAMEX MRH III

## THE COMPLETE MOISTURE AND HUMIDITY METER



Optional plug-in Probes to give accurate moisture readings in wood from 7 to 40%.



ASTM F 2170



ASTM F 2420



**NON DESTRUCTIVE  
MOISTURE  
DETECTOR FOR:**

- **WOOD**
- **ROOFING**
- **DRYWALL**
- **PLASTER**
- **BRICK**

**MRH KIT**



[www.tramex.ie](http://www.tramex.ie)


# MRH MOISTURE INSPECTION KIT

**A COMPLETE KIT FOR MOISTURE TESTING OF WOOD, DRYWALL, MASONRY, ROOFING AND OTHER CONSTRUCTION MATERIALS WITH PLUG-IN PROBES FOR MEASURING HUMIDITY AND WOOD MOISTURE CONTENT.**

## MRH Non-destructive moisture testing mode

The MRH is a digital display version of the Tramex Moisture Encounter MEP hand-held electronic impedance moisture meter. It operates on the principle of non-destructive impedance measurement. Parallel co-planar electrodes are mounted on the base which, during operation, transmit a low-frequency signal into the material under test. To carry out moisture tests simply press the MRH firmly against the surface being tested and take a reading. There is no surface damage and the reading is immediate. The MRH has 5 different measurement scales: Wood, Roofing, Masonry, Drywall and Laminate.

## WOOD MOISTURE PIN PROBE Pin-type resistance mode

PIN PROBE mode is extremely easy to use, simply select the Pin Probe using the  key on the MRH instrument. Insert either the Tramex Hand Probe or Hammer Probe directly into the socket at the top of the instrument. The pin probe gives accurate readings in 0.1% increments over the entire measurement range. Readings are displayed on the LCD of the MRH. The Pin Probe offers a most practical and accurate way of determining that wood is at the correct moisture level for its intended use, proving to be a vital tool for good quality control of wood flooring and other wood applications.

## RELATIVE HUMIDITY (RH) PROBE Hygrometer mode

When the Tramex RH Probe is plugged into the MRH, it automatically changes to Hygrometer Mode. The Tramex RH Probe provides the ideal solution for Measurements of Humidity, Temperature and Dew-point in structural materials such as concrete flooring, walls etc. as well as the environmental conditions within the building or structure. Humidity readings are displayed in both percentage Relative Humidity (%RH) and mixing ratio (grains/lb or grams/kg). The solid-state capacitive sensor in the RH probe gives accurate, fast results. Allows testing of concrete slabs using the In situ (ASTM F 2170) or RH hood (ASTM 2420, BS 5325 & BS 8203) methods.

## MRH TEST KIT

The standard MRH Kit comes in a carrying case with die-cut foam lining and contains the following: MRH, Hand Probe, Relative Humidity Probe, IR Surface Thermometer. (\* Kit shown with optional Hammer Probe)

**THIS KIT IS OF PARTICULAR SIGNIFICANCE TO INSPECTORS, SURVEYORS AND TECHNICAL FIELD STAFF WHO WISH TO AVOID THE DAMAGE AND RISKS ASSOCIATED WITH EXCESS MOISTURE**



HHI4TP30



FOR MORE INFORMATION ON THE ABOVE KIT OR ANY OF THE TRAMEX RANGE OF MOISTURE MEASUREMENT AND DETECTION INSTRUMENTS PLEASE CALL, FAX, E-MAIL OR WRITE TO:

Tramex Ltd. Station House, Shankill Business Center, Shankill, Co. Dublin, Ireland.  
Tel: +353-1-239 3224 Fax: +353-1-282 7880  
E-mail: [sales@tramex.ie](mailto:sales@tramex.ie) [www.tramex.ie](http://www.tramex.ie)

U.S.A. & Canada - TRAMEX LIMITED c/o Black Hawk Sales Inc. 28 Pin Oak Drive,  
Littleton, CO 80127, Tel: 303 972 7926 Fax: 303 972 7106  
E-mail: [sales@tramexltd.com](mailto:sales@tramexltd.com), [www.tramexltd.com](http://www.tramexltd.com)

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