

TRAMEX™ MRH Kit

The Complete Moisture and Humidity Meter

The complete instrument for moisture and humidity testing incorporating 3 modes of operation.

- Digital Non-Destructive meter for measuring moisture content...instantly... in a wide variety of construction materials. Includes specific gravity on wood scale from 0.3 to 0.8.
- Plug in Wood Probe to give accurate moisture readings in wood from 7 to 40%.
- Plug in Humidity Probe for Relative Humidity, Temperature, Dew-Point and Mixing Ratio readings.



MRH



HA25SP52



ASTM F2170 (In situ)



ASTM F2420 (Hood)



MRH with WP1E and HA25SP52



TRAMEX™ MRH
**Combined Non-Destructive
 Moisture Meter, Wood Pin-Type
 Resistance Meter and
 Thermo-Hygrometer for
 Building Inspection**

Kit shown with optional extras (Hand-held probe HH15 and IR Thermometer).

Excess moisture in buildings and construction materials can cause numerous problems including material damage, mold growth, environmental damage and even structural damage.

Moisture testing makes sense and it can be done easily with the MRH meter for moisture and humidity measurement of the building envelope.

MRH INSPECTION KIT

A COMPLETE KIT FOR MOISTURE TESTING OF WOOD, DRYWALL, MASONRY, ROOFING AND OTHER CONSTRUCTION MATERIALS WITH PLUG IN HUMIDITY AND WOOD PIN PROBE.



MRH

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 electronic signal into material under test.

To carry out moisture tests simply press the MRH firmly against the surface being tested and take a reading. There's no surface damage and no waiting. The MRH has 5 different measurement scales: Wood, Roofing, Masonry, Drywall and Laminate. The MRH measures percentage moisture in wood when using the Wood Scale. All other scales and readings are comparative.



WPIE

WOOD MOISTURE PROBES Pin-type resistance meter mode.

When the **Tramex Wood Probe Interface Electronics (WPIE)** is plugged into the MRH, it automatically changes to **Wood Probe Mode**. The **Tramex Hammer Probe HA25** (supplied as standard) or the **Hand Held Probe HH15** can then be plugged in to the WPIE to take precise measurements of moisture content in wood and wood products. Using built-in pins, the WPIE and probes are easy to use, extremely accurate, giving readings in 0.1% increments over the entire measurement range.

Readings are displayed on the LCD of the MRH. The WPIE and probes offer 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.



HA25

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 the measurement 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.



HH15

The standard MRH Kit comes in a carrying case with die-cut foam lining and contains the following: MRH, Wood Probe Interface Electronics (WPIE), Slide Action Hammer Probe and a Relative Humidity Probe. The MRH, accessories and all other Tramex meters can be purchased separately.

Optional extras are a hand-held probe for measuring with deep wall insulated pins for measuring up to a depth of up to 7" (175mm), an infra red thermometer for measuring the surface temperature and a cut-out for a second Tramex meter.



RH 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

WARRANTY

All Tramex products carry a full satisfaction guarantee including a one year warranty against defects in parts & workmanship and a refund if the unit is returned, shipping pre-paid, in new condition within 21 days of original delivery. Proof of purchase is necessary. Manufactured by:

TRAMEX™

TECHNICAL DATA

1. Dimensions of carrying case: 43cm x 33cm x 10cm (17.0" x 14.0" x 4.0").
2. Weight of complete kit: 3.40 kilos (7.5pounds).
3. Weight of complete kit in packing carton: 3.5 kilos (7.70 pounds).
4. Carrying case construction: High Impact Polypropylene with die cut foam lining.

DISTRIBUTOR

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:

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