

**TRAMEX™****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.



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

Kit shown includes optional extras

Excess moisture in buildings and construction materials can cause numerous problems including material damage, mould 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 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 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.

## WOOD MOISTURE PROBE Pin-type resistance meter mode.

When the **Tramex Wood Probe** is plugged into the MRH, it automatically changes to **WOOD PROBE MODE**. The **Tramex Wood Probe** is a hand-held attachment designed to take precise measurements of moisture content in wood and wood products. Using built-in pins, the Wood Probe is 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 Wood 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.

The standard MRH Kit comes in a carrying case with die-cut foam lining and contains the following: MRH, Wood Moisture Probe and a Relative Humidity Probe.

**Optional extras are a slide action hammer electrode for measuring up to a depth of 1.5" (37mm), an infra red thermometer for measuring the surface temperature and calibration check salts for the relative humidity 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: 2.50 kilos (5.5pounds).
3. Weight of complete kit in packing carton: 2.6 kilos (5.70 pounds).
4. Carrying case construction: High Impact Polypropylene with die cut foam lining.

## DISTRIBUTOR