

**TRAMEX™****TRAMEX™ CMEXPERT****CONCRETE AND WOOD MOISTURE AND HUMIDITY METER**

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

- Digital Non-Destructive meter for measuring moisture content...instantly ... in concrete floors and floor screeds.
- 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.



% Moisture Concrete Slab



% Moisture Wood



ASTM F2170-02



ASTM F2420-05



Excess moisture in floor slabs and screeds can cause numerous problems in all types of floor coverings leading to complete floor failure and even structural damage.

Moisture testing a floor slab prior to installation of a covering makes sense.

Why take risks when testing can be done easily and quickly with a CMEXpert METER for MOISTURE and RELATIVE HUMIDITY measurement of flooring.

# FLOORING INSPECTION KIT

A COMPLETE KIT FOR MOISTURE TESTING OF CONCRETE FLOORING,  
HARDWOOD FLOORING, WOOD SUB-FLOORING AND ENVIRONMENT MONITORING



## CONCRETE ENCOUNTER CMEXpert

The Concrete Encounter CMEXpert is a digital display version of the Tramex Concrete Encounter CME4 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 low-frequency signals into the concrete floor. To carry out moisture tests simply brush any dust from a smooth area of concrete and also from electrodes, switch on the CMEX, hold to the surface to read the percentage moisture content. There's absolutely no surface damage and no waiting. **Flooring Manufacturers Recommended.**

## WOOD MOISTURE PROBE

The **Tramex Wood Probe** is a hand-held attachment designed to take precise measurements of moisture content in wood and wood products when plugged into the CMEXpert. Using built-in electronic probes, or optional interchangeable electrodes, the Wood Probe is easy to use, extremely accurate, giving readings in 0.1% increments over the entire measurement range. Readings are displayed on digital LCD of the CMEXpert. The Wood Probe offers a most practical and accurate way of ensuring that wood is at the correct moisture level for its intended use, proving to be a vital tool for good quality control of wood floor installations.



## RELATIVE HUMIDITY (RH) PROBE

When the **Tramex RH Probe** is plugged into the CMEXpert, 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 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 F2170-02) or RH hood (ASTM 2420-05, BS 5325:2001 & BS 8203:2001) methods.



The complete CMEXpert Kit comes in a carrying case with die-cut foam lining and contains the following: CMEXpert, 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 of concrete slabs and calibration check salts for the relative humidity probe.**

**THIS KIT IS OF PARTICULAR SIGNIFICANCE TO FLOORING CONTRACTORS, INSPECTORS AND TECHNICAL FIELD STAFF WHO WISH TO AVOID THE 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**<sup>TM</sup>

## 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

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