

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

Kit Shown Includes
Optional Extras

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™

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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