



Introducing our **New TRAMEX CME^XPERT** for measuring moisture content ... instantly...
COMBINED NON- DESTRUCTIVE CONCRETE MOISTURE METER,
WOOD PIN RESISTANCE METER AND THERMO- HYGROMETER



% Moisture Concrete Slab



% Moisture Wood



% Relative Humidity

CONCRETE / WOOD MOISTURE AND HUMIDITY METER

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

1. Digital Non-Destructive meter for measuring moisture content...instantly ... in concrete floors and floor screeds.
2. Plug in Wood Probe to give accurate moisture readings in wood from 7 to 40%.
3. Plug in Humidity Probe for Relative Humidity, Temperature, Dew-Point and Mixing Ratio readings.

Benefits

- Designed, developed and calibrated specifically for the flooring industry
- Instant Readings in non-destructive and wood probe modes
- Measures Up To 7% Moisture Content in Concrete
- Measures from 7% to 40% Moisture Content in Wood using the plug in wood probe
- Relative humidity probe provides clear digital display with simultaneous reading for Humidity in both (%RH) and grains/lb. or grams/kg. in addition to Temperature and Dew Point.
- Can be used for Non-Destructive Hood Method (ASTM F2420) or sub-surface In-Situ method (ASTM F2170).
- Complies with BS Standard BS5325:2001 and BS 8203:2001 for above surface readings of RH, Temperature and Dew Point readings.
- Detachable 0.4" (10mm) diameter stainless steel RH Probe.
- Intelligent RH Probe can be recalibrated. (Traceable to NIST and international standards.)
- "Hold" freezes reading on analog meter
- Battery Operated (Supplied)

Contents

The complete **CME^XPERT** Kit comes in a carrying case with die-cut foam lining and contains the following: **CME^XPERT**, 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.

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, transmits 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.

DON'T TAKE RISKS WITH EXCESS MOISTURE!!

Moisture test before you install a floor covering

Excess moisture in concrete substrate can cause costly problems for the installer. Avoid the risk of having these problems and floor failures by testing for excess moisture before installing a floor. Test the fast, easy, clean and non-destructive way with **Tramex CMEXPERT**

Tramex **CMEXPERT**

1 - 5 Units

6 - 10 Units

11 Units +

Spectrim

Unit 4, "The Furrows"
Barton Dock Rd.
Trafford Park,
Manchester
M32 0SZ

Tel: 028 30 250477

Fax: 028 30 250223

Email: info@spectrim.co.uk