

**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**