

CME XPERT II

Concrete Moisture Meter

FOR EVALUATION OF MOISTURE CONDITION OF CONCRETE, GYPSUM CEMENT AND OTHER SLABS AND SCREEDS (AS PER ASTM F 2659) AND HUMIDITY MEASUREMENT TO ASTM F 2170 AND ASTM F 2420



Measures to 7% Moisture Content in Concrete

Instant Readings in Non-Destructive and Wood Probe modes

Complies with BS Standard BS 5325 and BS 8203 for above surface readings of RH

Plug in Probe for Relative Humidity, Temperature, Dew-Point and Mixing Ratio readings

Measures from 7% to 40% Moisture Content in Wood.



Relative Humidity Mode
ASTM F 2170



Pin Probe Mode



ASTM F 2420



Shown here in Kit form

CMEXPert II

CONCRETE MOISTURE METER

TRAMEX
Quality you can depend on



The New Concrete Encounter CMExpert II 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 a low-frequency signal 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 and hold to the surface to read the percentage moisture content. There is absolutely no surface damage and no waiting.

Flooring Manufacturers Recommended.




RELATIVE HUMIDITY (RH) PROBE Hygrometer mode

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 ambient Relative Humidity, Temperature and Dew-point conditions within the building structure and 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, allowing testing of concrete slabs to ASTM F 2170 (Insitu Method), ASTM F 2420 (RH hood method), BS 5325 & BS 8203 standards. (The picture shows RHP-B probe)



WOOD MOISTURE PIN PROBE Pin-type resistance mode

PIN PROBE mode is extremely easy to use. Simply select the Pin Probe using the  key on the CMExpert instrument. Insert either the Tramex Hand Probe or Hammer Probe directly into the socket at the top of the instrument. The pin probe gives accurate readings in 0.1% increments over the entire measurement range. Readings are displayed on the LCD of the CMEX. The Pin Probe offers a 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 testing of structural lumber in the drying process, probing deep into wall cavities, good quality control of wood flooring and other wood applications. (The picture shows HH14TP30&HA21SP52)



CMEXPert Concrete Moisture & Humidity test Kit

The complete CMExpert Kit comes in a carrying case with die-cut foam lining and contains the following: CMExpert II, Wood Moisture Probe (HH14TP30), Relative Humidity Probe and Infra Red thermometer. Optional extras are a slide action hammer electrode for measuring up to a depth of 1.5" (37mm), (The picture shows Kit with optional hammer probe HA21SP52)

TECHNICAL DATA Dimensions of carrying case: 43cm x 33cm x 10cm (17.0" x 14.0" x 4.0"). ■ Weight of complete kit: 3.40 kilos (7.5pounds). ■ Weight of complete kit in packing carton: 3.5 kilos (7.70 pounds). ■ High Impact Carrying case.

www.tramexltd.com



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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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