

## HYGROHOOD

Non-destructive Relative Humidity testing per BS 8201, 8203 of concrete and other floors and screeds. The Tramex Hygrohood is an insulated relative humidity hood used in conjunction with the CMEX II and Hygro-i2® RH probes.

Product code: RHIH



## PIN-PROBES FOR WOOD

The Pin-probe mode of the CMEX II is a resistance-type pin-meter for determining the Moisture Content of wood and wood-based products, activated when plugging in the optional Wood electrode and selecting Pin Probe mode. It gives readings of 7% to 40% MC to ensure the wood floor meets fitting specifications.

1. Product code: HH14TP30 (handheld probe)

2. Product code: HA21SP52 (handheld hammer probe)



## TRAMEX MOISTURE METERS & THE FLOORING INDUSTRY.

Tramex has been manufacturing Moisture Meters for the Flooring industry for more than 40 years. We supply individual moisture meters, both non-destructive and with probe attachments, as well as complete kits. These instruments and kits are an essential part of a Flooring Contractor's toolbox.

Ensure the concrete slab is sufficiently dry before applying:

- Resilient flooring
- Hardwood floors
- Carpets
- Ceramic tiling
- Stone
- Concrete coatings
- Epoxy resins
- Overlays & toppings
- Staining & coloring

Regular checking of moisture content during the drying out period of a new or existing concrete floor or floor screed is important to ensure it has reached sufficient dryness to accept these treatments, adhesives or floor coverings, and also to identify moisture related problems and determine when sealants are required.

Tramex moisture meters can be used to ensure that the hardwood floor covering material is at a suitable moisture content prior to installation. Excessive moisture in concrete floor slabs and screeds and/or a disequilibrium between moisture content in the building and the flooring materials can lead to a host of problems in all types of floor coverings. Ultimately such problems can lead to floor failure and even structural damage.

## CRITICAL DECISIONS NEED CREDIBLE READINGS

FLOORING - US 08/18 REV.1.5

# FLOORING

## MOISTURE AND HUMIDITY METERS



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CME4

Instant and non-destructive tests per ASTM F2659 with the Tramex CME4, a handheld electronic instrument used for testing moisture content in concrete slabs and giving comparative readings in other cementitious floor screeds. Precise and easy to use, the CME4 allows the user to make multiple tests over a large area in the shortest possible time.

- Clear easy-to-read analog dial.
- No need to probe, drill or mechanically damage the surface.
- Instant and precise readings deep into the surface.
- Non-destructive in operation.
- Hold function “freezes” meter reading when inspecting areas where the meter face is not visible and for easy recording of readings.
- Reproducible results.
- Spring-loaded contact pins compensate for uneven concrete and boost signal penetration.

Product code: CME4



CMEX II

Instant and non-destructive moisture content tests per ASTM F2659 (Non-destructive Method) with the CMEX II, a digital version of the CME4 handheld electronic moisture meter designed for the instant and precise measurement of moisture content in concrete slabs and giving comparative readings in other cementitious floor screeds. Incorporating plug-in ports for the optional Hygro-i2® relative humidity probe and heavy-duty pin-type wood probe, this meter transforms into the ideal all-in-one instrument for the flooring professional.

- Measures up to 6.9% Moisture Content in Concrete.
- Large clear backlit digital display.
- Hold function “freezes” meter reading when inspecting areas where the meter face is not visible and for easy recording of readings.
- 7% to 40% Moisture Content measurement in Wood using Pin-type probe attachment. (optional)
- Attaches to a relative humidity Hygro-i2 probe for hood or in situ testing of concrete per ASTM F2170 and BS 8201, 8203. (optional)

Product code: CMEX2



FLOORING INSPECTION EZ KIT

Test Concrete per ASTM F2659 (Non-destructive Method), ASTM F2170 (In situ Method) & BS 8201, 8203 Hood Method (Hygrohood optional). Test Moisture Content in Wood.

A compact kit for instant and precise moisture testing of concrete and wood flooring. The Tramex CMEX II digital moisture meter allows the user to non-invasively test concrete per ASTM F2659 and for testing relative humidity, temperature and dew point in the environment, or performing ASTM F2170 for relative humidity readings in concrete slabs. The Tramex heavy-duty wood pin-probe measures the moisture content of wood. The Flooring Inspection EZ Kit comes in a Tramex Easy-travel case.

KIT CONTENTS

- CMEX II - concrete meter.
- Hygro-i2® Relative Humidity Probe.
- Heavy-duty pin-type wood probe.
- 6 x Hole Liners

Product code: FZK5.1



FLOORING INSPECTION KIT

Test Concrete per ASTM F2659 (Non-destructive Method), ASTM F2170 (In situ Method) & BS 8201, 8203 Hood Method (Hygrohood optional). Test Moisture Content in Wood.

A complete kit for moisture testing of concrete and wood flooring to ASTM and other international standards. Featuring the Tramex CMEX II digital concrete moisture meter for testing per ASTM F2659 and 3 best in class reusable Hygro-i2® relative humidity probes for testing relative humidity, temperature and dew point in the environment, or performing ASTM F2170 for relative humidity readings in concrete slabs. An infrared surface thermometer is included for testing surface temperatures and can be used in conjunction with the Hygro-i2® probe to monitor dew point conditions. A heavy-duty pin-probe allows the user to measure the moisture content in wood. Calibration check salts are included in the Flooring Inspection Kit, which comes in a protective heavy-duty carrying case with die-cut foam lining.

KIT CONTENTS

- CMEX II - concrete meter.
- 3 x Hygro-i2® RH probes.
- 12 x Hole Liners.
- Heavy-duty pin-type wood probe.
- SAL75 ( Calibration Check Salts ).
- Infrared thermometer.

Product code: FIK5.1



FLOORING MASTER KIT

Test Concrete per ASTM F2659 (Non-destructive Method), ASTM F2170 (In situ Method) & BS 8201, 8203 Hood Method (Hygrohood optional). Test Moisture Content in specific Wood Species.

The ultimate Tramex kit for pre- & post-application moisture testing of concrete slabs, wood and various floor covering materials. Featuring the Tramex CMEX II digital concrete moisture meter for testing per ASTM F2659 and 3 best in class reusable Hygro-i2® relative humidity probes for testing relative humidity, temperature and dew point in the environment, or performing ASTM F2170 for relative humidity readings in concrete slabs. An infrared surface thermometer gives surface temperature and dew point conditions used in conjunction with the Hygro-i2® probe. A heavy-duty pin probe measures Moisture Content in wood. The Tramex MRHIII incorporates adjustment of specific gravity for wood species correction to accurately read the Moisture Content non-invasively in a variety of wood species. The MRH III also reads moisture conditions instantly and non-destructively in roofing, masonry, drywall and laminate. The MRH III can be used with the Pin-type probe attachment for wood, and the relative humidity Hygro-i2® probe. Calibration check salts are included in the Flooring Master Kit, which comes in a protective heavy-duty carrying case with die-cut foam lining.

KIT CONTENTS

- CMEX II - concrete meter.
- MRH III - moisture and humidity moisture meter.
- Heavy-duty hammer pin-type wood probe.
- Heavy-duty pin-type wood probe.
- 3 x SAL75 (Calibration Check Salts).
- 3 x Hygro-i2® probes.
- 25 x Hole Liners.
- Infrared thermometer.

Product code: FMK5.1



HYGRO-i2® PROBES

In situ Relative Humidity tests as per ASTM F2170 (In situ Method) & BS 8201, 8203 Hood Method with the Tramex CMEX II and reusable Hygro-i2® probe.

- Fast acclimation time.
- Reusable Hygro-i2® Relative Humidity probes prove to be the lowest cost per ASTM F2170.
- Accurate, durable and best in class.
- Testing per ASTM F2170 and BS 8201, 8203 giving in situ Relative Humidity and ambient RH, temperature, dew point temperature & grains per pound.

Product Codes: HIPP1 | HIPP3 | HIPP6 | HIPP12 | HIPP25 | HIPP50 | HIPP100

