

## ▲ HYGROHOOD

Non-destructive Relative Humidity testing per international standards BS 8201, 8203, 5325 & ASTM F2420 of concrete and other cementitious floors and screeds. The Tramex Hygrohood is an insulated relative humidity hood used in conjunction with the CMEX II and Hygro-i® RH probes.

Product code: RHH



## ▲ 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 30 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.



## FLOORING

## MOISTURE AND HUMIDITY METERS

## WHY TAKE RISKS ? TEST WITH TRAMEX, LEADING INNOVATION IN MOISTURE DETECTION.

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## ▲ CME4

Instant and non-destructive tests per international standard ASTM F2659 with the Tramex CME4, a handheld electronic instrument used for testing moisture content in concrete slabs and other floor screeds, featuring Carbide Method equivalent scales for concrete and anhydrite screeds. Precise and easy to use, the CME4 allows the user to make multiple tests over a large area in the shortest possible time.

### FEATURES

- Clear easy-to-read analogue dial.
- CM Carbide Method moisture content equivalent readings.
- 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 international standard ASTM F2659 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, featuring a Carbide Method equivalent scale for concrete screeds and giving comparative readings in other cementitious floor screeds. Incorporating plug-in ports for the optional Hygro-i® relative humidity probe and heavy-duty pin-type wood probes, this meter transforms into the ideal all-in-one instrument for the flooring professional.

### FEATURES

- Measures up to 6.9% Moisture Content in Concrete.
- CM Carbide Method moisture content equivalent readings.
- 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-i® probe for in situ or hood testing of concrete per BS 8201, 8203, 5325 and ASTM F2170, F2420. (optional)

**Product code: CMEX2**



## ▲ FLOORING INSPECTION EZ KIT

A compact kit for instant and precise moisture testing of wood flooring, concrete and other floor screeds. 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 in situ and hood testing (with optional hood) of relative humidity in concrete slabs to international standards BS 8201, 8203, 5325 and ASTM F2170, F2420. 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.

### CONTENTS

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

**Product code: FZK5.2**



## ▲ FLOORING INSPECTION KIT

A complete kit featuring the Tramex CMEX II digital concrete moisture meter for non-destructive testing of concrete and other floor screeds per ASTM F2659. The best in class, reusable Hygro-i® relative humidity probes allow for testing of relative humidity, temperature and dew point in the environment, or performing in situ and hood testing (with optional hood) of relative humidity in concrete slabs to international standards BS 8201, 8203, 5325 and ASTM F2170, F2420. An infrared surface thermometer is included for testing surface temperature and can be used in conjunction with the Hygro-i® 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.

### CONTENTS

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

**Product code: FIK5.2**



## ▲ FLOORING MASTER KIT

The ultimate Tramex kit for pre- & post-application moisture testing of concrete and other floor screeds, wood and wood-based products. Featuring the Tramex CMEX II digital concrete moisture meter for testing per international standard ASTM F2659. The best in class, reusable Hygro-i® relative humidity probes allow for testing relative humidity, temperature and dew point in the environment, or performing in situ and hood testing (with optional hood) of relative humidity in concrete slabs to international standards BS 8201, 8203, 5325 and ASTM F2170, F2420. An infrared surface thermometer gives surface temperature and dew point conditions used in conjunction with the Hygro-i® probe. A heavy-duty pin-probe measures Moisture Content in wood. The Tramex WME gives moisture measurement in wood and wood-based products in both non-invasive and pin-probe mode. The WME incorporates adjustable specific gravity selection, wood species calibration and temperature correction to accurately read the Moisture Content in a variety of wood species. Calibration check salts are included in the Flooring Inspection Master Kit, which comes in a protective heavy-duty carrying case with die-cut foam lining.

### CONTENTS

- CMEX II - concrete meter.
- WME - wood moisture meter.
- 3 x Hygro-i® probes.
- 25 x Hole Liners.
- Heavy-duty pin-type wood probe.
- 3 x SAL75 (Calibration Check Salts).
- IRTX - Infrared thermometer.

**Product code: FMK5.2**



## ▲ Hygro-i® PROBES

**In situ and Hood Relative Humidity tests as per BS 8201, 8203, 5325 and ASTM F2170, F2420. with the Tramex CMEX II and reusable Hygro-i® probe.**

### FEATURES

- Fast acclimation time.
- Reusable Hygro-i® Relative Humidity probes prove to be the lowest cost per test.
- Accurate, durable and best in class.
- Testing per BS 8201, 8203, 5325 and ASTM F2170, F2420 giving in situ Relative Humidity and ambient RH, temperature, dew point temperature & grams per kilo.

