



## TRAMEX MOISTURE METERS AND THE WATER DAMAGE RESTORATION INDUSTRY.

Tramex has been supplying moisture meters to the Water Damage Restoration Industry for over 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 Restorative Drying Professional's toolbox.

The restorative drying industry needs to have the right diagnostic and drying equipment to carry out restorative work in a professional and efficient manner. Excess moisture and humidity left within a building environment or in its structural elements is usually the cause of the greatest damage such as rot, mold growth, reduced insulation values, failure of flooring, roofing and wall support. For a restorative drying professional to carry out the restorative drying process correctly, the moisture and humidity conditions of the building structure and its environment need to be monitored during the drying process, as well as at the beginning and end of the job. This cannot be done successfully without the proper equipment.

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

WATER DAMAGE - US 08/18 REV.1.5

# WATER DAMAGE RESTORATION

## MOISTURE AND HUMIDITY METERS



## MEP

The Tramex MEP is a non-invasive complete building inspection tool which has applications for testing moisture conditions in numerous building materials such as drywall, wood, plaster, brick, tiles, resilient flooring, laminates and roofing. It has many unique features that makes non-destructive moisture measurement and evaluation fast, precise and versatile.

- Wide range of moisture content readings for wood from 5% to 30%.
- Deep signal penetration up to 1 1/4" (30mm) (in wood, drywall) into the materials being tested without the need to damage the surface.
- Three ranges of sensitivity: Wood, Timber / Drywall, Roofing / Plaster, Brick – making it ideal for testing various building materials.
- Detects moisture through paint, wall coatings, drywall, ceramic tiles, floor coverings, wood, roof coverings and ceiling tiles.
- High moisture audio warning tone.

Product code: MEP



## CME4

The Tramex CME4 is a non-invasive handheld electronic instrument used for instant and non-destructive testing of moisture conditions in concrete slabs and giving comparative readings in other cementitious floor screeds per ASTM F2659. 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 to a depth of approx. 3/4" into the slab.
- Non-destructive in operation.
- Hold function "freezes" meter reading when inspecting areas where the meter face is not visible, and for easy recording of data.
- Reproducible results.
- Spring-loaded contact pins compensate for uneven concrete and boost signal penetration.

Product code: CME4



## CMEX II

The CMEX II is designed for the instant and precise measurement of moisture content in concrete slabs and giving comparative readings in other cementitious floor screeds per ASTM F2659. Incorporating the optional Hygro-i2® relative humidity probe allowing for in situ testing of floor slabs per ASTM F2170 (and BS 8203 with optional Hood), as well as ambient conditions of temperature, relative humidity, dew point and mixing ratios. The optional heavy-duty pin-type wood probes allow for moisture content testing in wood.

- 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 data.
- Multi-language options.
- 7% to 40% Moisture Content measurement in Wood using Pin-type probe attachments. (optional)
- Attaches to a reusable relative humidity Hygro-i2® probe for in situ or hood testing of concrete per ASTM F2170 and BS 8203. (optional)
- Ambient conditions of relative humidity, temperature, dew point and grains per pound, all shown simultaneously on one clear display. (using optional Hygro-i2® probe)

Product code: CMEX II



## WATER DAMAGE RESTORATION EZ KIT

A compact kit for instant and precise non-destructive testing of moisture conditions in numerous building materials such as concrete and other cementitious materials per ASTM F2659, as well as drywall, wood, plaster, brick, tiles, resilient flooring, laminates and roofing. The Water Damage Restoration EZ Kit comes in a Tramex Easy-travel case.

### KIT CONTENTS

- MEP - Non-invasive moisture meter for general building materials.
- CME4 - Non-Invasive moisture meter for concrete.

Product code: WDZK5.1



## WATER DAMAGE RESTORATION INSPECTION KIT

A complete kit for moisture testing of concrete & wood flooring and numerous other building materials. Featuring the Tramex MEP allowing for non-invasive testing of moisture conditions in numerous building materials such as drywall, wood, plaster, brick, tiles, resilient flooring, laminates and roofing. The Tramex CMEX II digital concrete moisture meter allows for testing per ASTM F2659 and the reusable Relative Humidity probe for testing relative humidity, temperature and dew point in the environment. An infrared surface thermometer gives surface temperature and dew point conditions used in conjunction with the relative humidity probe. A heavy-duty pin-probe measures Moisture Content in wood. The Water Damage Restoration Inspection Kit comes in a protective heavy-duty carrying case with die-cut foam lining.

### KIT CONTENTS

- MEP - Non-invasive moisture meter for general building materials.
- CMEX II - concrete moisture and humidity meter.
- Relative Humidity probe.
- Heavy-duty pin-type wood probe.
- 7" insulated pins.
- Infrared thermometer.

Product code: WDIK5.1



## WATER DAMAGE RESTORATION MASTER KIT

The ultimate Tramex kit for moisture testing of concrete & wood flooring and numerous other building materials. Featuring the Tramex MEP allowing for non-invasive testing of moisture conditions in numerous building materials such as drywall, wood, plaster, brick, tiles, resilient flooring, laminates and roofing. The Tramex CMEX II digital concrete moisture meter allows for testing per ASTM F2659 and the reusable Hygro-i2® probes for performing ASTM F2170 for relative humidity, temperature and dew point in concrete slabs. The ambient relative humidity probe can be used in the environment, in cavities and in conjunction with the infrared surface thermometer to give surface temperature and dew point conditions. The heavy-duty pin-probes measure Moisture Content in wood. The Water Damage Restoration Master Kit comes in a protective heavy-duty carrying case with die-cut foam lining.

### KIT CONTENTS

- MEP - Non-invasive moisture meter for general building materials.
- CMEX II - concrete moisture and humidity meter.
- Heavy-duty hammer pin-type wood probe.
- 3 x Hygro-i2® probes and 1 RH probe.
- 8 x Hole Liners.
- Heavy-duty pin-type wood probe.
- 7" insulated pins.
- Infrared thermometer.
- Calibration Check Salts.

Product code: WDMK5.1

