

# 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 Ambient Relative Humidity Hygro-i2 Short 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

1. CMEX II - concrete moisture and humidity meter.
2. MEP - NDT\* moisture meter for general building materials.
3. Ambient Relative Humidity Hygro-i2 Short Probe.
4. Heavy-duty pin-type wood probe.
5. 7" insulated pins.
6. Infrared thermometer.

Product Code: WDIK5.1

## FEATURES OF CMEX II

- Measures up to 6.9% Moisture Content in Concrete.
- Hold function "freezes" meter reading when inspecting areas where the meter face is not visible.
- Attaches to a relative humidity Hygro-i2\* probe for in situ testing of concrete and ambient conditions.
- 7% to 40% Moisture Content measurement in Wood using Pin-type probe attachment.

## MEASURING RANGE - CMEX II

|  |                                  |
|--|----------------------------------|
| Depth of penetration in concrete: (NDT*)     | approx. ¾" (20 mm)               |
| Moisture content for Concrete: (NDT*)        | 0 to 6.9%                        |
| Comparative for Gypsum floor screed: (NDT*)  | 0 to 10                          |
| Reference scale: (NDT*)                      | 0 to 100                         |
| Relative Humidity (RH probe):                | 0 to 99%                         |
| Humidity accuracy:                           | 0% to 99%RH +/- 2% @ 25°C / 77°F |
| Moisture content for wood (with pin probes): | 7 to 40%                         |

\* NDT - non-destructive test

## FEATURES OF MEP

- Wide range of moisture content readings for wood from 5% to 30%.
- Deep signal penetration, up to 1¼" (30mm) in wood and drywall, detects elevated moisture through most covering materials without having to damage or puncture the materials being tested.
- Three ranges of sensitivity: Wood, Timber / Drywall, Roofing / Plaster, Brick - making it ideal for testing various building materials.

## MEASURING RANGE - MEP

|   |                               |
|---|-------------------------------|
| Depth of penetration: (NDT*)            | 1¼" (30mm) (in wood, drywall) |
| Moisture content for Wood: (NDT*)       | 5 to 30%                      |
| Reference scale for building materials: | 0 to 100                      |

## SPECIFICATIONS OF KIT

|         |  |
|---------|--|
| Size:   | 16.9" x 13.6" x 5.1" (430mm x 345mm x 130mm) |
| Weight: | 7.25lbs (3.3kg)                              |
| Power:  | 3 x 9 volt PP3 Batteries (included)          |



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