

WATER DAMAGE RESTORATION INSPECTION KIT



A complete kit for finding and measuring moisture in concrete, wood and wood by-products, giving comparative readings in most 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 moisture meter allows the user to non-invasively test concrete to international standards. Using the CMEX II and Hygro-i2® probe the user can test relative humidity, temperature, dew point and mixing ratio in the environment, or perform in situ and hood testing (with optional hood) of relative humidity in concrete to international standards BS 8201, BS 8203 or BS 5325 & ASTM F2170. A heavy-duty pin-probe measures moisture content in wood and gives in-depth readings of the moisture condition of walls and roofing insulation when using the 180mm insulated pins. 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 - Non-invasive moisture meter for general building materials.
3. Hygro-i2® probe.
4. 8 x RH Sleeves.
5. Heavy-duty pin-type wood probe.
6. 180mm (7") insulated pins for in-depth penetration.
7. Infrared thermometer.

Product Code: WDIK5.2

FEATURES OF CMEX II

- Measures up to 6.9% Moisture Content in Concrete.
- Carbide Method (CM) equivalent scale for 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 of relative humidity, temperature, dew point and mixing ratio, all shown simultaneously on one clear display.
- Attaches to Pin-type probe to give 7% to 40% Moisture Content measurement in wood and comparative readings in most other building materials.

FEATURES OF MEP

- Wide range of moisture content readings for wood from 5% to 30%.
- Deep signal penetration, up to 30mm (1.25") 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 - CMEX II

| | |
|---|----------------------------------|
| Depth of penetration in concrete: (NDT*) | approx. ¾" (20 mm) |
| Moisture content for Concrete: (NDT*) | 0 to 6.9% |
| Carbide Method Equivalent for concrete (NDT*) | 0 to 4.3 |
| Reference scale: (NDT*) | 0 to 100 |
| Moisture Content in wood using Pin Probe: | 7 to 40% |
| Relative Humidity (with Hygro-i2® probe): | 0 to 99% |
| Humidity accuracy: | 0% to 99%RH +/- 2% @ 25°C / 77°F |

*NDT - Non-destructive Test

MEASURING RANGE - MEP

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

SPECIFICATIONS OF KIT

| | |
|---------|---|
| Size: | 30mm x 345mm x 130mm (16.9" x 13.6" x 5.1") |
| Weight: | 3.3kg (7.2lbs) |
| Power: | 3 x 9 volt PP3 Batteries |



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