

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-i2® 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. 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 and Wood Moisture Equivalent WME. The Tramex MRH III 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 Inspection Master Kit, which comes in a protective heavy-duty carrying case with die-cut foam lining.



KIT CONTENTS

1. CMEX II - concrete meter.
2. MRH III - moisture and humidity meter.
3. 3 x Hygro-i2® Relative Humidity Probes.
4. 25 x Hole Liners.
5. Heavy-duty pin-type wood probe.
6. 3 x SAL75 (Calibration Check Salts).
7. Infrared thermometer.

Product Code: FMK5.2

FEATURES

- CMEX II: Measures up to 6.9% moisture content in concrete (NDT*)
- CMEX II: Carbide Method (CM) equivalent scale for concrete and anhydrite.
- MRH III: Accuracy in very low moisture content readings and up to 55% moisture content readings in wood in non-invasive mode (NDT*).
- MRH III: Detects moisture through paint, wall coverings, drywall, ceramic tiles, floor coverings, wood, roof coverings and most building materials.
- CMEX II & MRH III: Hold function "freezes" meter reading when inspecting areas where the meter face is not visible.
- CMEX II & MRH III: Moisture Content measurement in Wood using Pin-type probe attachment.
- CMEX II & MRH III: Attaches to a relative humidity Hygro-i2® probe for testing of ambient conditions and in situ and hood testing of concrete (hood optional).

MEASURING RANGE - CMEX II

Depth of penetration in concrete: (NDT*)	approx. 3/4" (20 mm)
Moisture content for Concrete: (NDT*)	0 to 6.9%
Carbide Method Equivalent for concrete (NDT*)	0 to 4.3
Carbide Method Equivalent for Anhydrite screeds: (NDT*)	0 to 2.7
Reference scale: (NDT*)	0 to 100
Moisture Content in wood / WME using Pin Probe: 7 to 24.9 % / 7 - 100 WME	
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 - MRH III

Depth of penetration: (NDT*)	up to 1 1/4" (30mm) (in wood, drywall)
Wood Non-invasive Mode	5 to 55% (at SG of 0.3)
Wood Invasive Mode using Pin Probe:	7 to 40%
Reference scale for building materials:	0 to 100
Relative Humidity (with Hygro-i2® probe):	0 to 99%
Humidity accuracy:	0% to 99%RH +/- 2% @ 25°C / 77°F

SPECIFICATIONS OF KIT

Size:	16.9" x 13.6" x 5.1" (430mm x 345mm x 130mm)
Weight:	8.8lbs (4kg)
Power:	3 x 9 volt PP3 Batteries (included)



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ASTM F2659

ASTM F2170 & BS 8201:2011