

# 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 international standard ASTM F2659. The best in class, reusable Hygro-i2<sup>®</sup> 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. An infrared surface thermometer is included for testing surface temperature and can be used in conjunction with the Hygro-i2<sup>®</sup> probe to monitor dew point conditions. A heavy-duty pin-probe allows the user to measure the moisture content in wood and Wood Moisture Equivalent WME. Calibration check salts are included in the Flooring Inspection Kit, which comes in a protective heavy-duty carrying case with die-cut foam lining.



## KIT CONTENTS

1. CMEX II - concrete meter.
2. 3 x Hygro-i2<sup>®</sup> Relative Humidity Probes.
3. Heavy-duty pin-type wood probe.
4. 1 x SAL75 (Calibration Check Salts).
5. Infrared thermometer.
6. 12 x Hole Liners.

Product Code: FIK5.2

## FEATURES OF CMEX II

- Measures up to 6.9% Moisture Content in concrete.
- Carbide Method (CM) equivalent scale for concrete and anhydrite.
- Large clear backlit digital display.
- Hold function "freezes" meter reading when inspecting areas where the meter face is not visible.
- Attaches to a relative humidity Hygro-i2<sup>®</sup> probe for testing of ambient conditions and in situ and hood testing of concrete (hood optional).
- 7% to 24.9% Moisture Content measurement in wood, 7 - 100 WME, using Pin-type probe attachment.

### MEASURING RANGE

Depth of penetration in concrete: (NDT*)	approx. 20 mm (3/4")
Moisture content for concrete: (NDT*)	0 to 6.9%
Carbide Method Equivalent for concrete:	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 using Pin Probe:	7 to 24.9% / 7 - 100 WME
Relative Humidity with Hygro-i2 <sup>®</sup> probe:	0 to 99%
Humidity accuracy:	0% to 99%RH +/- 2% @ 25°C / 77°F

### SPECIFICATIONS OF KIT

Size:	430mm x 345mm x 130mm (16.9" x 13.6" x 5.1")
Weight:	3.3kg (7.2lbs)
Power:	2 x 9 volt PP3 Batteries (included)

\*NDT - Non-destructive Test



FIK5.2-UK 08/18 REV.1.1



ASTM F2659



ASTM F2170 & BS 8201

