ROOFING INSPECTOR KIT

TRAMEX

The Roofing Inspector Kit allows for point-of-contact, non-destructive checking of moisture conditions in roofing and waterproofing systems up to approximately 10cm (4 inches) in depth with the RWS Roof & Wall Scanner. The kit also allows for non-destructive measurement of moisture conditions in concrete decks and pin readings in wood decks and roofing materials, relative humidity readings, and ambient and dew point conditions using the Tramex CMEX5 digital moisture meter and probes. An infrared surface thermometer gives surface temperature. The Roofing Inspector Kit comes with an extension handle in a protective heavy-duty carrying case with die-cut foam lining
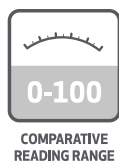
TRAMEX METERS APP
FOR iOS & ANDROID DEVICES (PHONE NOT INCLUDED WITH KIT)

Product Code: RIK

KIT CONTENTS

1. Concrete Moisture Encounter X5 - CMEX5.
2. RWS - Roof and Wall Scanner.
3. App available for Android and iOS (phone not included).
4. Hand held electrode with 200mm (7.8") insulated pins.
5. 260mm (10") narrow RH probe.
6. Hole punch.
7. Infrared Thermometer.
8. Extension Handle (for RWS).

| NON-DESTRUCTIVE | COMPARATIVE READING RANGE 0-100 | AMBIENT RH, T, DP, g/kg | AMBIENT RH, T, DP, g/kg | WOOD %MC PIN READING RANGE 5-30% | ASTM D7954 | ACCOMPANYING APP | EXTENSION HANDLE |

SPECIFICATIONS

ROOF AND WALL SCANNER - RWS - SPECIFICATIONS & MEASURING RANGE

The Tramex RWS Roof and Wall Scanner is a multi-mode non-invasive impedance scanner designed for the instant, precise and non-destructive evaluation of moisture conditions and leak tracing in roofing per ASTM D7954 and in wall systems of the building envelope.

Size:	125mm x 275mm x 75mm (4.9" x 10.8" x 2.9")	Depth of penetration:	100mm (4")
Weight:	853g (1.88lbs)	Sensitivity:	
Construction:	ABS Body	Four Ranges:	
Power:	9 volt PP3 Battery (included)	Roofing Mode with high and low sensitivity.	
Display:	Analogue	EIFS / Foam Roof Insulation Mode with high and low sensitivity.	

CONCRETE MOISTURE ENCOUNTER X5 - SPECIFICATIONS & MEASURING RANGE

The Tramex Concrete Moisture Encounter X5 is a non-destructive digital multi moisture meter for concrete decks providing instant and precise quantitative measurement of moisture content of concrete using Gravimetric testing as a baseline. The CMEX5 incorporates a built-in hygrometer and plug-in ports for the relative humidity probe and pin-type probe testing of roofing materials.

Size:	180mm x 85mm x 40mm (7.1" x 3.4" x 1.6")	Moisture content for Concrete:	0 → 6.9 %
Weight:	357g (12.59oz)	Comparative for Gypsum floor screed:	0 → 12
Construction:	ABS Body	CM Equiv Anhydrite/Concrete:	0→2.7 / 0→4.3
Power:	2 x AALR6 ALKALINE (included)	Reference scale:	0 → 100
Display:	Digital	Relative Humidity :	0 → 99%
Depth of penetration in concrete:	approx. 20mm (¾")	Humidity accuracy: 0% → 99%RH +/- 2% @ 25°C / 77°F	
		Moisture content for wood:	5 → 30 %
		(with optional wood pin probes)	

Free App Available for Mobile and Tablet:

Download on the App Store   GET IT ON Google Play

SPECIFICATIONS

INFRARED THERMOMETER - IRT2 - SPECIFICATIONS & MEASURING RANGE

The IRT2 is a handheld, dual laser, non-contact Infrared Thermometer with 12:1 distance to spot ratio and audible and visible high/low set point alarms. It is used to measure and display surface temperatures within the range of -50°C to 650°C (-58°F to 1202°F) and has an accuracy of approximately 1 to 1.5% (see Specifications for details). The IRT2 has a fast response time (0.15 sec) and is powered with a 9V battery and complies with Class II UK/EU laser safety standard EN60285.

Temperature range:	-50 to 650 °C (-58°F ~ 1202°F)
Distance to Spot ratio:	D:S = 12:1
Accuracy for targets assuming ambient operating temperature of 23 to 25 °C (73 to 77°F):	
	-50 ~ 20°C (-58°F ~ 68°F) ±2.5°C(4.5°F)
	20°C ~300°C (68°F ~572°F) ±1.0% ±1.0°C(1.8°F)
	300°C ~ 650°C (572°F ~ 1202°F) ±1.5%
Emissivity:	Digitally adjustable from 0.10 to 1.0
Power supply:	9V battery, NEDA 1604A or IEC 6LR61, or equivalent.

KIT SPECIFICATIONS

Size:	487mm x 380mm x 145mm (19.2" x 14.9" x 5.7")	Weight:	4.51kg (9.9 lbs)
Power:	2 x 9 volt PP3 Batteries, 2 x AALR6 ALKALINE (included)		