

BUILDING SURVEY MASTER KIT



The Tramex Building Survey Master Kit is a complete kit featuring the RWS Roof & Wall Scanner for instant, non-destructive evaluation of moisture conditions deep within wall and roofing systems. The Building Survey Master Kit features the multifunctional Moisture Encounter MEX5 digital moisture meter allowing for non-invasive testing of moisture conditions in numerous building materials such as drywall, wood, plaster, brick, ceramic tiles, resilient flooring, laminates and roofing. The MEX5 has a built-in hygrometer and infrared surface thermometer for testing ambient relative humidity, temperature and dew point, and surface temperature. These can be used to identify detrimental condensation conditions conducive to microbial mold growth can also be identified. The heavy-duty pin-probes measure moisture content in wood, and the insulated 200mm (7.8") pins and narrow 127mm (5") RH probe allow for in-situ probing. The Tramex Building Survey Master Kit comes with extension handles and a protective heavy-duty carrying case with die-cut foam lining.



KIT CONTENTS

Product Code: BSMK

1. RWS - Roof and Wall Scanner
2. Moisture Encounter MEX5
3. App available for Android and iOS (phone not included)
4. Heavy-duty pin-type wood probe
5. 7.8" (200mm) insulated pins for in-depth penetration
6. 127mm (5") short narrow RH probe
7. Calibration Check Salts
8. Extension handle



NON-Destructive



DUAL DEPTH



AMBIENT
RH, T, DP, gr/lb



WOOD %MC
READING RANGE



WOOD %MC PIN
READING RANGE



DRYWALL %MC PIN
READING RANGE



SURFACE
TEMPERATURE



ENTHALPY



ACCOMPANYING
APP

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:	Analog	EIFS / Foam Roof Insulation Mode with high and low sensitivity.	

MOISTURE ENCOUNTER MEX5 - SPECIFICATION & MEASURING RANGE



The Tramex Moisture Encounter MEX5 is a digital Dual-Depth, non-destructive moisture meter for wood and various building materials such as drywall, roofing, plaster, tile and masonry. The Moisture Encounter MEX5 has a built-in hygrometer for ambient conditions and psychrometric values, an Infrared Surface Thermometer and also incorporates external in-situ RH probes for in-situ equilibrium RH readings, as well as Pin probes for wood, drywall, and WME readings.

Moisture test results can be visualized and Geotagged with the Tramex Meters App and turned into moisture maps, reports and charts for sharing.

Size:	7.1" x 3.4" x 1.6" (180mm x 85mm x 40mm)	Wood Moisture Content (NDT):	0 to 30% MC
Weight:	10.22 oz (290g)	Wood Moisture Content (Pin):	6% to approx 50% MC
Construction:	ABS Body	Drywall Moisture Content (Pin):	0 to 8.5% MC
Power:	2 x AALR6 ALKALINE (included)	Reference scales for building materials:	0 - 100
Display:	Digital 2.3" x 1.4" (58mm x 35mm)	Relative Humidity:	0 - 99%
Depth of penetration:		Humidity Accuracy: 0% → 99%RH +/- 2% @ 25°C / 77°F	
Shallow signal:	up to 3/8" (9mm)		
Deep signal:	up to 1 1/4" (30mm)		

SPECIFICATIONS

KIT SPECIFICATIONS

Size: 52cm x 40cm x 15cm (20.5" x 15.7" x 5.9")
Power: 2 x AALR6 Alkaline, 3 x 9 volt PP3 Batteries (incl.)

Weight:

4.51kg (9.9lbs)

