

# BUILDING SURVEY INSPECTION KIT



The Tramex Building Survey Inspector Kit is a complete moisture and humidity testing kit featuring 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 handheld pin-probe and hammer-action pin-probe measure moisture content in wood, and the insulated 200mm (7.8") pins and narrow 260mm (10") RH probe allow for in-situ probing. The Tramex Building Survey Inspection Kit comes with an extension handle and a protective heavy-duty carrying case with die-cut foam lining.



## KIT CONTENTS

Product Code: BSIK

1. Moisture Encounter MEX5
2. App available for Android and iOS (phone not included)
3. Heavy-duty pin-type wood probe
4. Hammer-action wood probe
5. 7.8" (200mm) insulated pins for in-depth penetration
6. 10" (260mm) Narrow Wand Relative Humidity Probe
7. Calibration Check Salts
8. Extension handle



NON-DESTRUCTIVE



DUAL DEPTH



AMBIENT  
RH, T, DP, g/kg



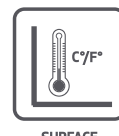
WOOD %MC  
READING RANGE



WOOD %MC PIN  
READING RANGE



DRYWALL %MC PIN  
READING RANGE



SURFACE  
TEMPERATURE



kJ/kg

ENTHALPY



ACCOMPANYING  
APP

# SPECIFICATIONS

## MOISTURE ENCOUNTER MEX5



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:	180mm x 85mm x 40mm (7.1" x 3.4" x 1.6")	Wood Moisture Content (NDT):	0 to 30% MC
Weight:	290g (10.22 oz)	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 58mm x 35mm (2.3" x 1.4")	Relative Humidity:	0 - 99%
Depth of penetration:		Humidity Accuracy: 0% → 99%RH +/- 2% @ 25°C / 77°F	
Shallow signal:	up to 9mm (3/8")		
Deep signal:	up to 30mm (1 1/4")		

## KIT SPECIFICATIONS

Size:	16.5" x 14.2" x 5.5" (42cm x 36cm x 14cm)	Weight:	9.5lbs (4.3kg)
Power:	2 x AALR6 ALKALINE (included)		

