

# BUILDING SURVEY INSPECTION TECH KIT



The Tramex Building Survey Inspector Tech 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 measures moisture content in wood and drywall, and WME readings for other materials. The Tramex Building Survey Inspection Tech Kit comes with a protective easy-travel case.



## KIT CONTENTS

1. Moisture Encounter MEX5
2. App available for Android and iOS (phone not included)
3. Heavy-duty pin-type wood probe

Product Code: BSITK



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



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:	350mm x 230mm x 90mm (13.8" x 9.1" x 3.5")	Weight:	1.55kg (3.4lbs)
Power:	2 x AALR6 ALKALINE (included)		

