

# Tramex ME5 Moisture Encounter 5



The Tramex Moisture Encounter 5, the updated Moisture Encounter Plus, is a non-destructive moisture meter for detecting moisture in most building materials. As a wood moisture meter, the Moisture Encounter 5, ME5, provides actual moisture content % readings. The ME5 also functions as a moisture meter for drywall, plaster, roofing, tile and masonry to help determine moisture content levels in walls, ceilings and floors.

The Moisture Encounter detects and evaluates moisture conditions within various building materials by non-destructively measuring the electrical impedance. A low frequency electronic signal is transmitted into the material via the electrodes in the base of the instrument. The strength of this signal varies in proportion to the amount of moisture in the material under test. The Moisture Encounter determines the strength of the current and converts this to a moisture content value, displaying it on a large clear analog dial.

Used and trusted by generations of professionals worldwide for the purpose of:

- Locating moisture-related problems within and behind a variety of building materials in the building envelope.
- Mapping the extent of moisture damage caused to buildings.
- Monitoring progressive drying conditions in the drying process of building materials and surfaces.
- Dual-Depth penetration allows for comparative of surface and core moisture and elimination of substrate influence on the testing of coverings.

## Features

- 5 Ranges of sensitivity: Wood & Timber / Shallow Depth / Drywall & Roofing / Plaster & Tile / Masonry
- Dual-Depth penetration allows for comparative of surface and core moisture and elimination of substrate influence on the testing of coverings.
- Deep signal penetration, up to 30mm in wood and drywall, detects elevated moisture through most covering materials without having to damage or puncture the materials being tested.
- Shallow Depth scale is designed to have a field penetration of up to 10mm.
- Wide range of readings from 5% to 30% on Wood Scale and 0 to 100 on comparative scale for all other materials.
- Detects moisture through paint, wallpaper, drywall, ceramic tiles, floor coverings, wood, ceiling tiles, roofing membranes, and asphalt composition shingles.
- Bluetooth connection to accompanying IOS & Android App allowing for continual development and integration of apps and reporting.
- Hold Function which enables the user to “freeze” the reading, useful when taking readings where the meter face may not be visible.
- High Moisture Audio Warning Tone which can be enabled or disabled.
- Large clear easy to read analog display giving meaningful readings.



- Rugged ergonomically designed enclosure.



NON-DESTRUCTIVE



DUAL DEPTH



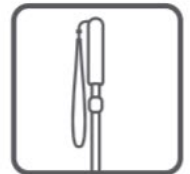
WOOD %MC  
READING RANGE



0-100  
COMPARATIVE  
READING RANGE



ACCOMPANYING  
APP



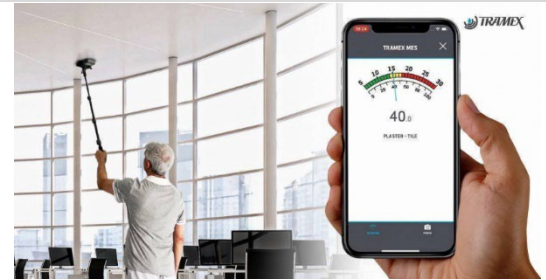
EXTENSION HANDLE  
(optional)

## Technical Specifications

ME5	Tramex ME5 Moisture Encounter 5
<b>Measuring range</b>	
Wood Moisture Content	5 to 30%
Reference scale for building materials	0 to 100
Display	Analogue
Depth of penetration	Shallow signal: up to 10mm
Deep signal	Up to 30mm
Construction	ABS Body
Power	2 x AALR6 ALKALINE (included)
Size	160mm x 85mm x 38mm
Weight	270g

## Packing List

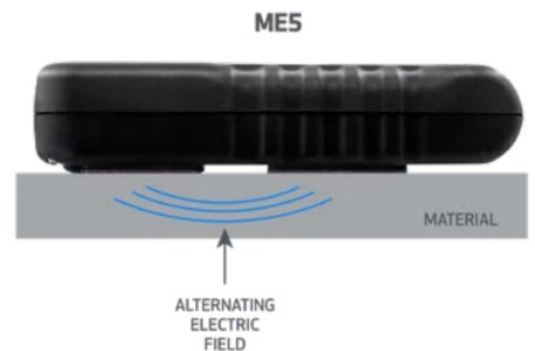
Tramex ME5 Moisture Encounter 5
Hard Carry Case
Batteries
Wrist Strap
Instruction Manual



## How it works

The Moisture Encounter detects and evaluates moisture conditions within various building materials by non-destructively measuring the electrical impedance.

A low frequency electronic signal is transmitted into the material via the electrodes in the base of the instrument. The strength of this signal varies in proportion to the amount of moisture in the material under test. The Moisture Encounter determines the strength of the current and converts this to a moisture content value, displaying it on a large clear analogue dial.





**Top Users** of the Moisture Encounter Plus and its predecessor: Murray & Roberts, Resnekov & Nielson, Ninham Shand, Corrobrick, Abe, Dulux, Claims Consultant, No 1 Seller in USA & Australia