

# MEP

MOISTURE ENCOUNTER PLUS

## MOISTURE METER FOR BUILDING MATERIALS



The Tramex MEP is a non-invasive complete building inspection tool which has applications for numerous industries. It has many unique features that makes non-destructive moisture measurement and evaluation fast, precise and versatile.



Product order code: MEP

### MATERIAL

- Drywall
- Wood
- Plaster
- Brick
- Tiles
- Resilient flooring
- Laminates
- Roofing

### FEATURES

- Wide range of readings from 5% to 30% on Wood Scale and 0 to 100 on comparative scale for all other materials.
- Deep signal penetration, up to 1¼" (30mm) in wood and drywall, detects elevated moisture through most covering materials without having to damage or puncture the materials being tested.
- Three ranges of sensitivity: Wood, Timber / Drywall, Roofing / Plaster, Brick – making it ideal for testing most materials found in the building envelope.
- Detects moisture through paint, wall paper, drywall, ceramic tiles, floor coverings, wood, ceiling tiles, roofing membranes and asphalt composition shingles.
- High Moisture Audio Warning Tone which can be enabled or disabled.
- Large clear easy to read analog display giving meaningful readings.
- Hold Function which enables the user to "freeze" the reading, useful when taking readings where the meter face may not be visible.

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[www.tramexmeters.com](http://www.tramexmeters.com)

# PRODUCT DESIGN

The MEP Moisture Encounter Plus 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 MEP determines the strength of the current and converts this to a moisture content value, displaying it on a large clear analog dial.

# USES

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.

# SPECIFICATIONS

**Size:** 6" x 3.5" x 1.5" (150mm x 85mm x 38mm)  
**Weight:** 7.7oz (220g)  
**Construction:** ABS Body  
**Power:** 9 volt PP3 Battery (included)  
**Display:** Analog  
**Depth of penetration:** up to 1¼"(30mm)(in wood, drywall)

# MEASURING RANGE

**Wood Moisture Content:** 5 to 30%  
**Reference scale for building materials:** 0 to 100

# HOW IT WORKS

