

Moisture is a critical factor in termite biology, therefore detecting and reducing water sources are key steps in a successful pest management program.

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. The MEP is ideal for the detection of the high levels of moisture conducive to termite activity.



Product order code: MEP

## 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 30mm (1¼") 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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## 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 analogue dial.

## USES

Research demonstrates that termites can relocate free water to dry resources. Furthermore, areas of more than or equal to 20 percent moisture are strong indicators of termite activity. Inspectors should not focus strictly on moisture-prone areas, as termites can relocate water to dry areas.

The Tramex Moisture Encounter Plus is a very useful tool for deciding optimal placement of above ground bait stations. A moisture meter also can be a useful monitoring tool during follow-up inspections after a termite treatment. Assessing moisture level changes (or lack thereof) pre- and post-treatment can be useful in determining whether or not further investigation is warranted.

## SPECIFICATIONS

Size:	150mm x 85mm x 38mm (6" x 3.5" x 1.5")
Weight:	298g (10.5oz)
Construction:	ABS Body
Power:	9 volt PP3 Battery
Display:	Analogue
Depth of penetration:	30mm (1¼")

## MEASURING RANGE

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

## HOW IT WORKS

