

- No probes or pins to cause surface damage.
- External Rubber Electrodes in direct contact with test area for best sensitivity and depth of signal.
- Uses low-frequency signals.
- Detects moisture through paint, wall coatings, drywall, ceramic tiles, floor coverings, wood, roof coverings and ceiling tiles.

Moisture Encounter PLUS

MERLIN

NON-DESTRUCTIVE MOISTURE DETECTOR FOR WOOD, FELT-ROOFING, DRYWALL, PLASTER, BRICK, TILE ETC.

Non-Destructive



Merlin Lazer Ltd

Weald House, High Broom Lane, Crowborough, TN6 3SP - UK **t** +44 (0)1892 654141 **f** +44 (0)1892 652755 **e** info@merlinlazer.com

merlinlazer.com

Company registered in Engand No 3350664. VAT Reg No GB 703 1975 48

TRAMEXTM Moisture Encounter PLUS

Non - Destructive Moisture Meter for Building Inspection.

The Moisture Encounter PLUS is an upgraded version of the world's most popular and successful non-destructive moisture meter, the Moisture Encounter.



HOW IT WORKS



The Moisture Encounter Plus Operates on the principal of non-destructive impedance measurement. Coplanar electrodes are fitted on the base of the instrument from which low frequency signals are transmitted into the material being tested, measuring the change in impedance caused by the presence of moisture. This reading is translated by the instrument into a moisture content reading. The <u>Moisture Encounter PLUS</u> incorporates all the features and benefits found in the original Moisture Encounter such as:

- Non-destructive moisture measurement of wood, plaster, drywall block, brick, roofing and most materials found in the building envelope.
- Three measurement ranges optimized for testing different materials.
- Deep signal penetration up to 1.25" (30mm) to detect elevated moisture through most covering materials without having to damage or puncture the materials being tested.
- Suitable for use on covering materials such as: Porcelain or Ceramic tile, Drywall, Carpet, Vinyl Flooring, VCT tile, Floor Laminates, Wall Coverings, Roofing Membranes.
- External Rubber electrodes make direct contact with the material being tested for best sensitivity, repeatability and greater depth of signal penetration.

In addition to these features the Moisture Encounter PLUS offers the following:

- <u>Wide</u> range of readings for wood of 5% to 30% on wood scale and 0 to 100 on comparative scale for other materials.
- Large clear easy to read 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.
- <u>High Moisture</u> Audio Warning Tone which can be switched on or off.
- Automatic Power Cutoff switches "Off" when not in use.

The new Moisture Encounter PLUS incorporates the latest digital technology with analog read out.