

MOISTURE

NEW! WOOD ENCOUNTER FROM TRAMEX

Now you can measure the moisture content of wood quickly and without damaging the surface.

The Wood-Encounter is a battery powered pocket-sized meter that gives non-destructive readings — from 3% to 33% — in finished or unfinished wood. Simply hold the instrument flat against the surface for an instant or continuous reading.

Designed for total quality control in the wood industry

At all stages of manufacturing it is important that wood is used at the correct moisture content to avoid subsequent swelling or shrinkage in the finished product.

- The Wood Encounter instantly reads moisture in hardwood or softwood with or without a surface finish.
- By sliding the Wood Encounter across the surface pockets of moisture can be quickly and precisely identified and outlined.
- Finished products can be examined quickly and without surface damage to confirm the correct moisture content is present.

The Wood Moisture Encounter is a hand held electronic moisture meter operating on the principle of non-destructive impedance measurement. Parallel co-planer electrodes on the base transmit low frequency signals into the wood. These signals measure the change in impedance caused by the presence of moisture and give a reading to a depth of approximately .25mm from the surface.

The Wood Encounter has two ranges of sensitivity:

Range 1: Reads from 3% to 20%

Range 2: Reads from 20% to 33%

- Calibration check confirms constant readings
- Flashing LED confirms battery condition

FEATURES

- Non-destructive in operation. Will not damage surface
- Instant readings
- Reproducible, reliable results
- Strong, robust, extruded aluminum body
- Clear, easy to read analog dial



Paul N. Gardner Company, Inc.

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OPERATING PROCEDURE

Before use, check calibration by moving Range switch to 2 and Operation switch to *CALIBRATE*. If the signal is below the *CALIBRATE* line replace the PP3 battery and recheck calibration.

When carrying out non-destructive test, clean dust from surface, select appropriate sensitivity range and press instrument against wood.

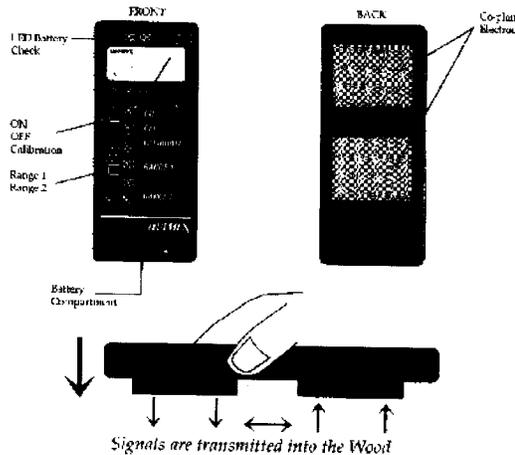
To identify pockets of excess moisture, slide the Wood Encounter across the surface noting readings.

USES

- Check moisture content in wood prior to manufacture of furniture, doors, windows, joinery etc. Ensure all materials are at compatible and correct moisture levels.
- Identify areas of moisture movement which can be prevalent in some hardwoods.
- Use where it is not acceptable to damage the surface of expensive woods or where there is a risk of damaging or breaking pins.

LIMITATIONS

- A wet or conductive surface will affect readings. Do not use on wood until surface water has dried.
- Readings affected by density of wood. (See SPECIES CONVERSION CHART in operation instructions.).



SPECIFICATIONS

- Measuring Range: 3-33% H₂O
- Weight: 298 grams (10.5 oz)
- Housing: Extruded Aluminum
- Dimensions: 150 x 75 x 33mm (6" x 3" x 1.3")
- Power Supply: 9 volt PP3 battery

PRICE

MO-9445 Tramex Wood Encounter \$298.00

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