
Wood Moisture Encounter

Non destructive moisture meter for wood



Non Destructive Moisture Meter for fast, easy and accurate measurement of moisture in wood and finished wood products without the need to damage or scratch the surface. Operating on the advanced technology impedance method the Wood Moisture Encounter offers deep measurement penetration, instant readings and a specific gravity adjustment to cater for different species of wood.

The Wood Moisture Encounter is easy to use but advanced in design and incorporates the latest technology for the measurement of moisture, giving many practical and worthwhile facilities such as:-

- Non Destructive : no pins to damage or break in the wood.
- A dialable specific gravity adjustment from 0.4 to 0.7 allowing direct measurement of a large number of different wood species without having to look up adjustment charts or tables.
- Clearview digital LCD dial giving readings in 1% increments.
- Hold reading facility allowing reading to be held until it can be recorded.
- Temperature sensor and readout for better accuracy of measurement when operating outside normal temperatures.
- Automatic power off after 4 minutes to eliminate risk of leaving meter switched on when not in use.
- Standard battery powered and pocket size.



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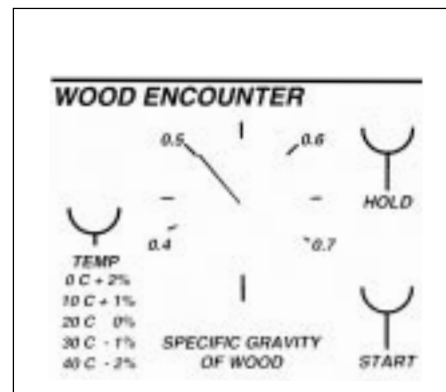
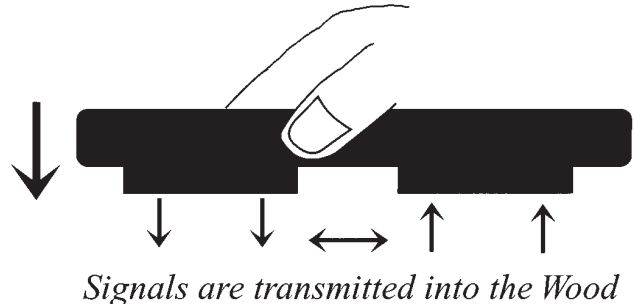
How the Wood Moisture Encounter (W.M.E.) Works.

Co-planer electrodes on the base of the instrument transmit low frequency signals into the wood, these signals measure the change in the impedance caused by the presence of moisture. This is translated into percentage moisture content and instantly displayed on the digital display.

Depth of signal is greater than 25mm (1") and readings from 3% to 35% are given.

Operating the W.M.E.

- Before use adjust the specific gravity rotary switch to the appropriate s.g. for the wood being tested. (List of wood species and their specific gravity are provided in the instruction hand book.)
- Press start button to power up. Hold the W.M.E. firmly against the surface and take reading.
- If necessary check temperature by pressing temp button and when required make compensation from graph supplied.
- Should you require to hold reading press Hold button, press again to disengage.



Warranty.

Wood Moisture Encounter carries a full parts and labour warranty for a period of 12 months from the date of purchase. In addition the purchaser is entitled to a full refund if the instrument does not give full satisfaction and is returned in original condition within 21 days of purchase.

TECHNICAL DATA

1. Measuring method: non-destructive signal (impedance).
2. Measurement frequency: 125 KHz.
3. Electrodes: Coplaner conductive rubber.
4. Dimensions: 150 x 80 x 30mm (6 x 3.2 x 1.2 inches).
5. Weight: 220 grams (7 ounces) including battery.
6. Battery: 9 volts PP3 or equivalent.

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