

# NON-DESTRUCTIVE WOOD MOISTURE TESTER

**Model HM530**



*SCIENCE OF SENSING*



*Tomorrow's Testing, Today !*  
*1-800-438-5388*

## Non-Destructive Wood Moisture Tester

### *Instant Moisture Testing without Sample Alteration!*

This simple-to-use device allows the user to conduct accurate field testing of moisture values on a variety of solid substances. Simply place the instrument on the object to be measured and the moisture value is displayed in less than 3 seconds. Conventional destructive tests are now **obsolete!**

The HM530 uses a high density coil to produce high frequency capacitance. Two aluminum plates on the bottom of the unit generate the field. When placed on the test sample, the changes in the dielectric constant is measured. When calibrated, this dielectric constant is converted into a moisture value. Using pre-determined specific gravity settings for the type of wood to be measured, the HM530 will automatically provide moisture values. Adjustment may be made for thickness and temperature, including an automatic temperature correction mode. In addition, the integrated correction dial allows the system to be adjusted to coincide with local standards.

#### *Successful applications include:*

- Multi-laminate lumbers (such as plywood)
- Particle board and fiber boards
- Hard and Soft Woods
- Kiln-dried Woods
- Rare and Fine woods
- Please use our HI500 for non-wood dense solids

#### *Simple Operation*

1. Set the Density, Penetration Depth, and Temperature Compensation
2. Place the HM530 on the surface to be tested.
3. Tests are easily repeatable •••• simply lift the unit and place it back on the surface of the wood.

#### *Additional Moisture Testing Devices*

We offer a complete line of testing machines for moisture assessment. We manufacture primary methods, such as moisture balances and secondary methods, such as near-infrared spectrophotometers, di-electric have desktop units to determine static and dynamic friction, fluctuations in frictional resistance due to abrasion, evaluation of film adhesion, surface scratch hardness, surface stickiness, tensile strength, and peeling resistance.

# 1-800-GET-KETT

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#### *Tomorrow's Testing, Today!*

Kett offers a complete line of innovative measurement devices — for laboratory, field, and commercial applications. If your company needs fast, accurate measurements, please call Kett!

## Specifications

Model	HM530
Measurement Range	2 - 150%
Accuracy	+/- .5% +/- 1% (over 20%)
Calibrations	Over 400 Species provided in the manual. Bias adjustment also may be used for local standards
Functions	
Alarm	Y
Thickness Adj.	10-40mm
Spec. Gravity Adj.	.1-1.25g/cm <sup>2</sup>
Temp. Adjustment	0-70C
Power Saver	Y
Limit Detector	Y
Batteries	1 - 9v
Dimensions (mm)	110Hx56Wx130D
Weight (Net / Shipment)	1 / 3 lbs.
Warranty	All Kett HM530 Moisture Meters are covered by a three-year manufacturer's warranty on parts and labor.

#### *Quality*

We stand behind the durability and quality of our entire line of KETT moisture meters. The HM530 offers a full **Three-Year** Manufacturer's warranty. We will repair the product or replace it for three years should it fail to perform to specifications during normal wear and tear.

Kett's dependable quality allows you to productively focus on improving your product's quality, not waste time calibrating and verifying our gauges.

When your quality is on the line, get on the line to KETT!



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**Sales, Support, Service**