

# PMT-330

FAST, SIMPLE, HANDHELD MOISTURE ANALYSIS



## On-the-Spot Moisture Control in the Palm of Your Hand

### OVERVIEW

The Portable Moisture Tester (PMT-330) puts the capabilities of an on-line moisture analysis and control system into the palm of your hand, allowing operators to spot-check moisture content of boards, wood, plastic, and paper products quickly and easily. It features radio frequency dielectric (RF) measurement technology that penetrates the surface of products and instantly displays accurate moisture data.

PMT-330 delivers direct moisture measurement with an accuracy range of  $\pm 1.0\%$  of full scale (subject to application), allowing rapid at-line review of product condition. All units can be pre-programmed to reliably analyze moisture content in a wide array of product types.

### APPLICATIONS

The PMT-330 matches simplicity with convenience to measure moisture content of finished products across a wide range of industries.

- **Board Manufacturing:** Gypsum board, hardboard, particle board, gypsum/fiber board, cement/fiber board
- **Wood Manufacturing:** Hardwood veneers, plywood veneers, dimensional lumber
- **Paper Manufacturing:** Cardboard, laminates, pulp bales, sheets



### PMT-330 FEATURES

- RF dielectric measurement provides a true moisture profile
- Low-cost, sophisticated at-line or laboratory measurement solution, offering unmatched accuracy and reliability
- A completely wireless, rechargeable battery-operated unit
- Instantly obtain accurate moisture readings
- Options available to analyze boards and sheets up to a depth of 20 mm (.75 in)



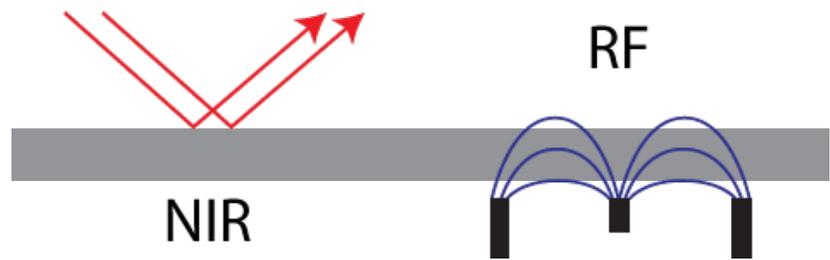
## DESIGNED FOR FAST AT-LINE ANALYSIS OF BOARD MOISTURE CONTENT

PMT-330 utilizes RF measurement technology to analyze the full moisture composition of a product. It is an alternative moisture measurement to near infrared (NIR) technology, which measures the surface of product without penetrating.

To use the PMT-330, simply press the sensor firmly onto a single board, and within seconds, an accurate moisture reading will appear on the display screen.

The PMT-330 is available in two options to accurately measure moisture of different board thicknesses:

- **PMT-330G:** Effective penetration depth of approximately 20 mm (0.75 in), ideal for gypsum and other board applications
- **PMT-330V:** Effective penetration depth of approximately 3mm (0.125 in), ideal for veneer and thin sheet applications.



## SPECIFICATIONS

Name	Specification
Dimensions W x D x H	115 mm x 230 mm x 51 mm (4.5 in x 9 in x 2 in)
Weight	0.5 kg (1 lbs)
RF Penetration Depth	PMT-330G: 20 mm (0.75 in); PMT-330V: 3 mm (0.125 in)
Accuracy	±1.0% of full scale, subject to application
Operating Temperature	0°C – 50°C (32°F – 120°F)
Display	2-Line x 16 Alpha Numeric Back-lit LCD for Maximum Brightness
Modes	Real-time or Peak Moisture
Calibrations	Up to 10 Calibrations Stored in Non-Volatile Flash Memory
Battery	Nickel Metal Hydride (Ni-MH) Rechargeable Battery Pack
Operating Time of Full Charge	15 Hours (300 Operations @ 3-Minute Time-Out)
Power	Voltage: 10/240 VAC - 50/60 Hz – Power: 30 Watts

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