



# Moisture Register Products

a division of AQUA Measure Instrument Co.



## Portable Moisture Meters for Lumber, Veneer, Gypsum and Plaster

- ▶ Numerical Scale for the Model L and V
- ▶ Color-coded Direct Reading Dial for the Models LG, LGF and LP
- ▶ Built-in Standard and Trimmer for quick, on the job calibration checking and adjustment if necessary
- ▶ Zero Point Adjustment Knob
- ▶ Complete with Carrying Case, Charging Cord, Rechargeable NiMH Battery and Manual



This series of meters is designed to allow nondestructive moisture determinations in lumber, veneers, woodwork, gypsum board, building plaster, flooring, or any other flat, solid surface product.

Each instrument in the series is ruggedly constructed, lightweight, easy to use, and has solid state circuitry. The molded plastic handle with spring loaded switch bar permits testing with either hand. The electrode on each instrument is surrounded by a steel ring to provide protection against static.

Each instrument employs the radio frequency power loss absorption principle which is a patented feature of *Moisture Register Products*. The instrument projects an RF field into the test area and then measures the signal loss relative to the conductivity of a dry sample. The numerical scale reading is converted to moisture content percent by means of an established calibration chart or curve for the material being tested. To meet your specific needs, factory made scales are available at a nominal charge.

### Why Control Moisture?

Moisture content of lumber products is vitally important throughout every stage of manufacturing, storing, buying, and selling. Excessive moisture in material bought on a weight basis means wasted dollars. And, too much or too little moisture during processing directly affects the cost and speed of production.

The final quality of these products is also affected by moisture content. Poor glue lines, shrinking, warping, and over or under drying are the results of improper moisture content. Excess moisture in stored material can cause deterioration or spoilage. Knowledge of moisture content is of prime importance for accurate pricing and customer satisfaction.



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## Model L for Lumber

- Calibrated for 77 hard and soft woods in the 0 to 25 percent range
- Stainless steel, spring loaded electrode buttons
- Two second test down to zero percent
- Accurate to 3/4 inch penetration

## Model V for Veneer

- Specifically designed electrode for testing in the 0 to 25 percent range
- Accurate to 1/8 inch penetration
- Has calibrations for most commonly used veneers
- Calibrated for 48 hard and soft woods in the 0 to 25 percent range
- Eliminates costly reworks due to improper moisture

## Model LG and LGF for Gypsum Board

- Excellent for testing plasterboard on the conveyor machine
- Tests gypsum plasterboard 1/4 inch to 3/4 inch thickness
- Compares the moisture content of boards from different kiln decks
- A great help in balancing kilns
- Can be used to check the moisture distribution pattern on the board along the length, width, or both

## Model LP for Plaster

- Stainless steel, spring loaded electrode buttons for testing irregular, flat and curved surfaces
- Based on special calibrations run in our laboratory specifically for the plaster industry
- Combination lumber and plaster testing instrument for building and panel contractors and architects



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