



# Moisture Register Products

a division of AQUA Measure Instrument Co.

## Models T8, A8 & N8 Portable Moisture Meters for Thin, All Purpose Use and Narrow Materials

- ▶ Four Sensitivity Settings for Different Moisture Ranges
- ▶ Colored Scale for Comparative Testing
- ▶ 0 to 35 Percent Moisture Range
- ▶ Zero Point Adjustment
- ▶ Sealed Rechargeable Battery
- ▶ One Piece Instrument Weighs Less than Three Pounds
- ▶ Complete with Carrying Case, Charging Cord, Battery and Manual



These three Moisture Register Products instruments have a long-standing reputation for fast, accurate and reliable moisture detection in a variety of materials.

Powered by a sealed battery which can be completely recharged in 24 hours, these instruments permit non-destructive tests for moisture content on most flat, curved, solid or semi-solid materials. They are ruggedly constructed, easy-to-use instruments with solid-state circuitry for reliability and longer battery life. They are light weight and the molded plastic handle with the spring loaded switch bar permits testing with either hand.

For which Moisture Register Products was granted a patent, each instrument with its specially designed electrode, projects an RF field into the sample and measures signal loss due to the presence of moisture.

Each model is equipped with four sensitivity settings to provide moisture measurement in the range of 0 to 35 percent on most materials. The zero suppression provides scale overlap in all ranges from zero percent to very high moisture content. The built-in electrical standards for each range allows for calibration checks at any time by turning a switch, and a built-in adjustment trimmer for each range permits calibration to be reset if necessary. A battery regulator circuit provides constant calibration as battery discharges.



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## Model T8 for Thin Materials

- Designed for flat, smooth, thin materials such as single sheets or 1/8 inch stacks of veneer, cloth, paper, or paperboard.
- The specifically designed electrode of three concentric brass rings covers an area 3 inches in diameter.
- Electrode Penetration: 1/8 inch
- Sample calibration curves available for a wide range of materials.



## Model A8 for All Purpose Use

- Designed for flat, curved, smooth, or rough surfaces such as cones or beams of yarn, rolls or stacks of paper or paperboard.
- Can be used on nearly all nonmetallic materials
- The electrode covers an area of 3 inches in diameter.
- Electrode Penetration: 3/4 inch
- Sample calibration curves available for a wide range of materials.



## Model N8 for Narrow Materials

- Designed for materials with a minimum width of 1-1/4 inches such as narrow cones of yarn or thread, small spools of paper yarn and narrow papers.
- The electrode covers an area of 1-1/4 x 3 inches.
- Electrode Penetration: 1/2 inch
- Sample calibration curves available for a wide range of materials.



## For Use as a Comparator

In addition to its use as a calibrated instrument, any of these models can be used as a comparator. A colored zone scale is provided for this purpose. The circuit can be adjusted so that an acceptable material reads in the OK zone of the scale, then wetter or dryer samples of the same material will read in the red (wet or dry) zones. This procedure gives fast, reasonably accurate results without preparing calibration curves. Calibration instructions for use as a comparator are furnished with each model in the series.



## MOISTURE REGISTER PRODUCTS

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