



Moisture Register Products

a division of AQUA Measure Instrument Co.

Model B Portable Moisture Meter For Concrete Block

- ▶ Direct Reading Scales for average percent moisture content.
- ▶ Calibration Charts for Most Block Types based on ASTM Standard C-140 in compliance with NCMA specifications.
- ▶ Built-in Standard and Trimmer permits calibration checks at any time.

The Model B design is based on 40 years of experience in the field of moisture testing. The instrument was specifically designed for the concrete block industry under the guidance of C.M. Rollins, Director of Research, Basalt Rock Company. Mr. Rollins used the Model B in conjunction with the ASTM Method C-140 to establish calibrations for over 34 different kinds of concrete block which were procured from more than 18 manufacturers throughout the United States.

Operating on the radio frequency power loss absorption principle, the Model B projects an RF field into the test area. Material containing moisture absorbs part of the current, and the meter indicates moisture content due to power loss and expresses it in percentage absorption.

The Model B is equipped with two colored coded, direct reading dials for average percent moisture content. For increased accuracy, the numerical value on the 0 to 50 scale can be converted to percent moisture by referring to one of the calibration curves in the manual. In addition, this reading may be converted to percent moisture by referring to a specific curve or chart established for your particular aggregate. For maximum accuracy and easy readability, a specific calibration scale for your particular aggregate maybe ordered and printed on the meter dial.

The Special Arrangement of 17 dome shaped, spring loaded electrode buttons assures good contact with both rough and fine textured blocks. Stainless Steel has been used to provide maximum wear ability and corrosion resistance.

MEETS NCMA Specifications

The Model B makes possible assurances of compliance with NCMA specifications for moisture content as related to block shrinkage. Once accurately calibrated, the Model B can prevent costly reworks due to excess block shrinkage, and you can offer proof to your customers that your materials meet NCMA specifications.



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An AQUA MEASURE Instrument Co. Division
1712 EARHART COURT
LA VERNE, CALIFORNIA 91750

Phone: 909.392.5833

Toll Free: 800.966.4788

Fax: 909.392.5838

Email: sales@aquameasure.com

www.moistureregisterproducts.com

