

OWNER'S MANUAL FOR
MOISTURE DETECTOR MODEL G-79

The Moisture Detector Model G-79 is an electrical Moisture Meter which gives direct readings of moisture content of gypsum plaster. It may also be used for other masonry materials which can be penetrated with contact pins of its electrode.

This instrument utilizes the relationship between electrical conductivity and moisture content in the product tested.

OPERATION

1. To check battery voltage push the switch down to the "OFF" position and hold; the battery is OK if the needle moves beyond the "BATT OK" mark.
2. To check the calibration set the range selector switch on "B". Push the ON/OFF switch to the "ON" position and hold; the meter is in calibration if it reads "5.5" (± 0.5 is acceptable).
3. The meter is turned on, and remains on for 4 minutes whenever the switch is pushed to the "ON" position and released. The timer is reactivated for four minutes with each subsequent test with a reading higher than 0.2 on range "C", 1 on range "B" and 8 on range "A". The meter may be turned off manually by pushing the switch to the "OFF" position.
4. Connect an electrode to the meter and drive the contact pins into the material being tested. Read the moisture content on the dial. The position of the Range Switch indicates which scale should be read. Rotate the Range Switch, if necessary, so that the meter needle will rest within the two end points of a scale.

If the needle points to the left end of a scale, turn the Range Switch to the next lower range (from A to B or from B to C). If it points to the right end of a scale, turn the Range Switch to the next higher range (from C to B or from B to A).

BATTERIES: The meter uses a single 9-volt battery (Eveready #216 or equivalent). The battery compartment is located at the bottom of the case.

8/91