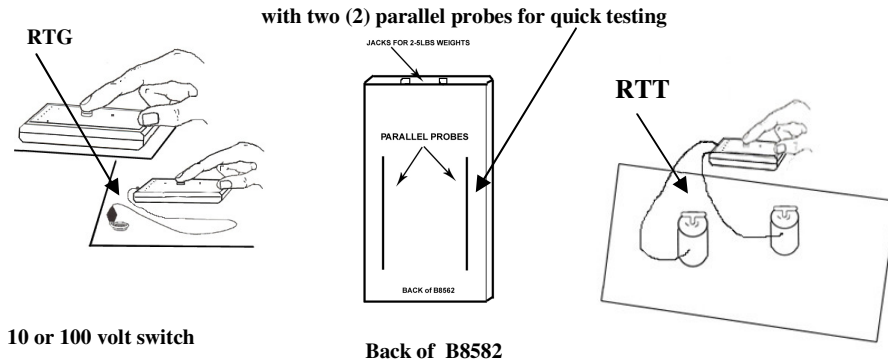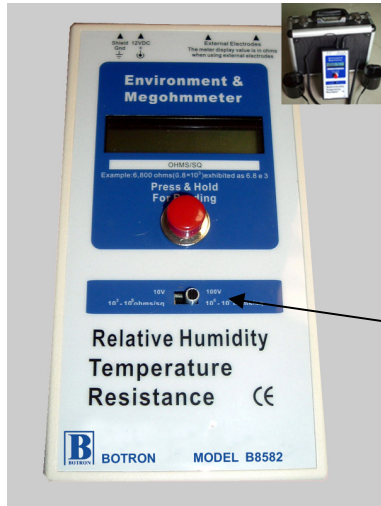**Botron** B8582 Megohm Meter measures not only resistance, RTG, RTT and volume resistance but Temperature and Humidity. You can test with the 5lb weights or for quick test with the built-in parallel rails on the back. It tests at 10 volts or 100 volts depending on the material you are testing. It will test mat, floors, garments, seating and many other production supplies. Easy to read LCD digital display. Conforms to ANSI/EOS/ESD (S4.S7.1, S12,S2.1) ASTM-F150 AND NFPA99A standards. RTT (resistance top to top) and RTG (resistance top to ground) will measure a wide variety of static dissipative and conductive materials. **Disclaimer:** All statements of technical information are believed to be true and are based upon tests we believe to be reliable. The proper use and application for this product must be the responsibility of the user. The statements herein shall have no force or effect.

B8582

with two (2) parallel probes for quick testing

RTG

RTT

10 or 100 volt switch

Back of B8582

PROPERTIES	SPECIFICATIONS
Display:	LCD digital
Temperature:	32-100F
Humidity:	YES
CE:	YES
Test Voltage:	10 & 100 volts
Test Range:	10^3-10^{12}
Battery:	9 volts
Electrodes:	Two parallel
Electrodes:	Two 5lb weights
Ground leads:	two
Size:	4"x 7.5" x 1.25"
Accuracy range:	+/-10%
Auto shut off:	YES
Power supply:	YES
Foam filled case:	YES

OPERATION:

. To test RTT or surface to surface, place the B8582 on the surface to be tested and push down on test button hold for reading.
. To test RTG or surface to ground, place the B8582 on the surface, plug one lead plug into meter top end, with other
 end connect to suitable ground, and push button, hold for reading.
To test with the 5lbs weights, plug leads into banana jack on top end of unit and into weights and test as above.

OTHER PRODUCTS:

B8201	**Touch plate wrist strap Tester**
B8511	**Combo tester, wrist & heel**
B82450	**Combo testers & stand**
B82250	**Dual tester & stand**
B85501	**Wrist Calibration unit**
B85502	**Combo Calibration unit**
B8202	**Wrist tester**
B8525	**Deluxe dual test station**

Theory of operation, The surface resistance meter measures by setting up bridge between two precision resistors of a know value and testing of the unknown value. When the button is depressed a test voltage of 10 or 100 volts is applied across the two conductive parallel probes on the bottom of tester or through the weights. The LED will light giving you the values in ohms.

RELATED TEST EQUIPMENT:

B8562	**New 10light 100volt surface meter**
B8560	**New 10 light surface meter**
BSRM-10	**10 light surface meter**
BSRM-6	**6 light surface meter**
B8563	**Analog audit kit with 5lb weights**
B8572	**Analog/Digital audit kit w/weights**

BOTRON CO. INC.

325 W. MELINDA LN
PHOENIX AZ 85027
PH# 623-582-6700FAX# 623-582-6776

FINAL TEST

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NEW TEMPERATURE & HUMIDITY AUDIT KIT

S8582