Botron B8582 Technical Data Sheet

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Overview:
Botron's B8582 Humidity and Temperature Audit Kit measures not only temperature and humidity, but resistance, volume resistance, RTG and RTT. Test at 10 volts or 100 volts depending on material using 5lb weights or for quick tests, the built-in parallel rails on the back.

Product Notes and Features

• Tests at 10 or 100 Volts

• Comes with 5lb weights and case

• Parallel Probes on back

PROPERTIES   SPECIFICATIONS

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Display:	LCD Digital
Temperature:	32^0-100^0 F
Humidity:	Yes
CE:	Yes
Test Voltage:	10 & 100 volts
Test Range:	10^3 - 10^{12}
Battery:	9 volts
Electrodes:	Two parallel
	Two 5 lb 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

PART NUMBERS

B8582 Humidity and Temperature Audit Kit

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.

APPLICATIONS

The surface resistance meter measures by setting up a bridge between two precision resistors of a known value and testing of the unknown value. When the white button is depressed, a test of 9 volts is applied across the two conductive parallel probes on the bottom of the tester. The LED will light giving you the values in ohms.

OPERATION

To test RTT or surface to surface, place the B8582 on the surface to be tested and push down on white test button to display results.

To test RTG or surface to ground, place B8582 on the surface, plug stereo jack into meter with other end connected to a suitable ground.