

# Botron B85395 Technical Data Sheet



## Overview:

Botron's B85395 is a 15 light Surface Resistivity Meter. This portable test instrument provides both RTT (resistance top to top) and RTG (resistance top to ground) and will measure a wide variety of static dissipative and conductive materials. With 15 lights and easy to read color codes, the B85395 is accurate to +/- 10%. Quick and easy testing is just a push of a button. Ranges from  $10^3$  to  $10^{12}$

## PROPERTIES

## SPECIFICATIONS

LED:	15 Color Coded Lights Green - $10^3$ - $10^5$ Yellow - $10^5$ - $10^9$ Red - $10^9$ - $10^{12}$
Low Battery:	LED light
Battery:	9 volts
Electrodes:	Two parallel
Leads:	For RTG
Test Voltage:	Auto, 10V and 100V
Weight:	0.60 lbs.
Size:	5" x 3" x 1 <sup>3/8</sup> "
Accuracy Range:	$10^3$ - $10^{12}$

## PART NUMBERS

**B85395** Surface Resistivity Meter  
**B85395KIT** Surface Resistivity Kit

## Product Notes and Features

- Tests at 10 Volts and 100V
- Portable
- Easy to Read
- LED Light Indicators



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**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 B885395 on the surface to be tested and push down on white test button to display results.

To test RTG or surface to ground, place B85395 on the surface, plug stereo jack into meter with other end connected to a suitable ground.