

Warmbier Test Equipment

SRM110 POCKET SURFACE RESISTANCE METER

A useful instrument for quick checks of surface resistance and resistance to ground.

This SRM 110 from Wolfgang Warmbier uses parallel electrodes to accurately measure RTT, RTG, or resistivity for periodic verification, factory audits or test lab evaluation of product. This meter is designed to verify incoming materials such as floor mats, table mats, bins and shelving in static controlled areas. Work surfaces, bags, wrist straps, footwear, packaging materials, garments, and ESD chairs can also be tested with the device.

The SRM110 meets periodic test requirements per Compliance Verification ESD TR53 and conforms to ANSI/EOS/ESD (S4.1, S7.1, S12.1, S2.1).

LED Indication Guide

The LED lights on the meter indicates the surface resistance

Display Resistance Indicates:

- | | | |
|----------|----------|-------------|
| • GREEN | <-105K | Conductive |
| • YELLOW | 106 -10M | Dissipative |
| • RED | 1012 M-> | Insulating |



SRM110 Underside



Features

- Easy to read LED light indicator
- Simple one button operation
- Certificate of calibration included
- Grounding cord included
- 2 external probe connection possible

Specifications

Test range: 10³-10¹² ohm
 Test voltage: Open Circuit Voltage 100V (switches automatically above > 1 MOhm)
 Accuracy: + 5%
 Operation: 9V Battery Operated
 Display: LED Light Indicators
 Probes: Internal parallel probe jacks. Can be paired with external probes for SR0055

Part Numbers:

7100.SRM110	Surface Resistance
	Meter SRM110
SR0055	Pair of 5lb probes

Applications:

Suitable for factory audits and test lab evaluations. Measures resistance-point-to-point (RTT) and resistance-to-ground (RTG).

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.