

ESD TR53 Audit Kit

Verify ESD & Anti-Static Equipment
According to TR53 Standards

Use to measure, verify and qualify products for use in an ESD Protected Area in accordance with ESD Association documents: ESD TR53, ANSI/ESD S4.1, ANSI/ESD S7.1, ANSI/ESD STM97.1 and other documents.

Measure Resistance of Surfaces

The SRM200 can be used on different work surfaces, floors, chairs, carts, clothing, packaging materials, etc. The measured resistance value is shown on an LCD display that indicates whether the value is conductive, dissipative, or insulative. Paired with several different probes, the SRM200 can perform RTT, RTGP, RTG and many other relevant ESD tests. Test results can be stored internally

Whats Included:

- SRM200 Resistance Meter
- EFM51 Static Field Meter
- EFM51.CPS Charge Plate System
- EFM51.WT Walking Test System
- SR0065 5lbs Disk Probe Set
- CL49 Hand Probe
- AD22 Outlet Adapter

Applications:

Use to measure, verify and qualify products for use in an ESD Protected Area in accordance with ESD Association documents: ESD TR53, ANSI/ESD S4.1, ANSI/ESD S7.1, ANSI/ESD STM97.1 and other documents.



Features

- **Measure, Verify and Qualify Products For Use in ESD Area via TR53.**
- **Measure Surface Resistance, Ionizer Performance, Static Fields, Walking Test and Much More.**
- **SRM200 Resistance Meter can Record Test Data and Build Reports**
- **EFM51 can Measure Static Fields, Verify Ionizers and Test Floors**

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.

EFM51 Verification Kit

The EFM51 Field Meter

The EFM51 is a full-featured hand-held field meter used to perform static surveys and evaluate charge accumulation in electronic manufacturing and in industrial operations.



The EFM51 Charge Plate

The EFM51 can be equipped with a Charge Plate Attachment which allows the meter to verify an air ionizers efficacy. Balance, and Decay times can be tested.



EFM51.CPS Charge Plate Kit

The ESD Walking Test

The EFM51 can be used to the Walking Test. The test consists of recording voltage generated during a walking pattern that was designed to simulate the actions of a person walking through a controlled area.



SR0065

Disk probes are used to make point-to-point resistance measurements as well as many others. Weight is 5lbs



Model EFM51 Specifications

- Weight: 4.6oz (without battery)
- Test Method: Rotating chopper
- Test Range: 0V - ± 160 kV distance mode, 0 - 800 kV/m field strength mode
- Display: 2 lines, 12 digits alphanumeric LCD display
- Operation: 9V alkaline Battery operated
- Operating Time: Approx 10 hours at continuous operation with alkaline battery
- Warranty: 12 month limited warranty

Model SRM200 Specifications

- Test range: 10^3 - 10^{12} ohm
- Test voltage: Open Circuit Voltage 100V (switches automatically above > 1 MOhm)
- Accuracy: + 5%
- Operation: Battery Operated
- Display: LCD-Display
- Probes: Built in electrodes with conductive rubber

Model SR0065 Specifications

- Weight: 5lbs
- Color: Yellow PVC Coating
- Spec: Conductive Rubber Bottoms

Pelican Case

Test equipment is stored in a durable, wheeled, Pelican case that can fit in overhead storage on planes.



About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.



TRANSFORMING TECHNOLOGIES

OUTSTANDING ALTERNATIVES IN STATIC CONTROL

www.transforming-technologies.com

3719 King Road
Toledo Ohio 43617
Phone: 419-841-9552
Fax: 419-841-3241
info@transforming-technologies.com