Test Equipment

Rev: 2022-05-06

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, AN-SI/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



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

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.

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 handheld field meter used to perform static surveys and evaluate charge accumulation in electronic manufacturing and in industrial operations.

The EFM51 Charge Plate

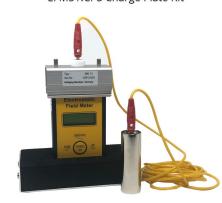
The EFM51 can be equipped with a Charge Plate Attachment which allows the meter to verify an air ionizers efficacy. Balance, and Decay times can be tested.



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 - ±160kV 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.



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