

Datasheet

ANALOGUE SURFACE RESISTANCE TEST KIT, RS-7768318 RS-7768318



"A Compliance Verification Plan shall be established to ensure the Organization's fulfillment of the technical requirements of the ESD Control Program Plan. Process monitoring (measurements) shall be conducted in accordance with a Compliance Verification Plan that identifies the technical requirements to be verified, the measurement limits and the frequency at which those verifications shall occur. The Compliance Verification Plan shall document the test methods and equipment used for process monitoring and measurements. If the test methods used by the Organization differ from any of the standards referenced in the document, then there must be a tailoring statement that is documented as part of the ESD Control Program Plan. Compliance verification records shall be established and maintained to provide evidence of conformity to the technical requirements. The test equipment selected shall be capable of making the measurements defined in the Compliance Verification Plan."
[IEC 61340-5-1 Edition 1 2007-08 clause 5.2.3 Compliance verification plan]

Description:

The Analogue Surface Resistance Test Kit is a portable battery-powered instrument designed to measure resistance point-to-point (Rp-p) and surface to ground (Rg). The meter is equipped with an automatic test voltage selector. The test voltage will switch from 10V to 100V should the measured resistance exceed 10^5 ohms.

ESD protected area products should be tested:

- A. Prior to installation to qualify for listing in user's ESD control plan. Approved ESD materials (see product qualification EN-61340-5-1 Table 3 - EPA Requirements)
- B. During initial installation
- C. For periodic checks of installed products as part of EN-61340-5-1 Compliance Verification testing per Table 3 - EPA Requirements.

Packaging:

Surface Resistance Test Kit is packaged with the following:

- 1 Analogue Surface Resistance Meter
- 1 9V Alkaline Battery
- 2 Shielded Test Leads
- 2 2.27 kilograms Electrodes
- 1 Plastic Carrying Case
- 1 Certificate of Calibration

Specifications:

Accuracy:	+/- 1/2 decade
Weight:	
◦ Meter:	0.2 kg
◦ Kit:	5.4 kg
Size:	
◦ Meter:	11.4cm L x 7.1cm W x 5.3cm H
◦ Plastic Carrying Case:	24.1cm L x 30.5cm W x 8.9cm H
Power Supply:	9V alkaline battery