



Validate your material's resistance characteristics. Electro-tech system's 850 electrode probe provides you with ability to measure resistance employing both point-to-ground (RTG) and point-to-point (RTT). The 850's 5lb construction is built to the exact relevant ESDA, NFPA, and ASTM test methods. The 850 is designed to measure the resistance of any planar surface. When integrated with the ETS 871 Wide Range Resistance Meter, resistance values can be seamlessly read.

Standards Satisfied

ANSI/ESD S4.1, S7.1, S9.2, STM2.1, STM12.1, STM97.1, ESD-ADV53.1, ASTM F150

Applications

- Resistive characterization of floor materials and footwear
- Resistance measurement of worksurfaces, garments, and seating
- Floor materials and footwear resistance measurement in combination with a person
- ESD Protective Workstations


Key Features

- Measure surface-to-ground (RTG) and point-to-point (RTT) resistance.
- Precision 5lb total weight meets industry specifications
- 2.5" diameter conductive rubber electrode
- Contact resistance of complete probe less than 100 Ohms
- 5 foot cable provided with each probe
- Compatible with resistance meters featuring standard 0.161" banana plug

D00660B

Questions? Here's how to contact our experts

 3101 Mt Carmel Ave. Glenside, PA 19038

 (215) 887-2196

 sales@ets2.com

 www.electrotechsystems.com

Surface Resistance Electrode Probe Model 850

Specifications

ELECTRICAL

Measurement Range @10V: $<100\Omega \rightarrow 10^{14}\Omega$
Contact electrodes: Carbon Silicone rubber
Volume resistivity of electrode material: 8 Ohms-cm
Insulation: None – Single electrode
Connectors, STD. Banana Jack 0.162" (4mm): GND
Cables (Banana-Banana): 5' (1.5m) Red Rubber

MECHANICAL

Electrode Dimensions: 2.5" (64mm) Diameter x 0.25" (6mm)
Shore-A Hardness: 65±10 Durometer
Probe dimensions: 2.75" Diameter x 4.75" H (70 x 121mm)
Weight: 5.0 lb ± 2oz (2.2±0.05 kg)

For precision readings and results ask about our Model 871 Resistance Meter

Warranty: One (1) Year – Parts & Labor



Specifications subject to change without notice

