

Trek Model 511/1501

ESD Audit Kit



Trek's Model 511/1501 Electrostatic Discharge (ESD) Audit Kit includes the Model 511 Ionizer Kit (Model 511 Electrostatic Field Meter with charger and charge plate) and Model 1501 Surface Resistance Meter in a compact carrying case. Most items can be ordered individually.

Applications include electrostatic field measurements, air ionizer verification, testing of floor materials and systems, and resistance measurement (surface, volume, two-point) of work surfaces, static dissipative materials, and seating.

Orders in USA include a ground plug adaptor, AC receptacle tester, and 2.75W charger/USB adaptor.



Model 511 Electrostatic Field Meter Features and Benefits

- Switch selectable measurement range
- Hand-held, portable, non-contacting
- Chopper-stabilized technology
- Reliable in ionized or non-ionized environments
- Complies with ANSI/ESD SP3.3

Key Specifications

- Measurement Range: Low range: 0 to ± 2 kV / inch
High range: 0 to ± 20 kV / inch
- Measurement Accuracy: Voltage monitor output: Better than $\pm 5\%$ of reading, ± 10 mV
Voltage display: Better than $\pm 5\%$ of reading, ± 2 counts



Model 511 Electrostatic Field Meter



Model 511CP Charge Plate and
Model 511CH Charger

Model 1501 Surface Resistance Meter Features and Benefits

- Auto-ranging
- Lightweight, hand-held
- Displayed values can be stored in internal memory
- Records temperature and relative humidity
- Software exports data to .CSV format and generates .HTML report for data comparison
- Built-in electrodes with conductive rubber
- Appropriate electrodes can be externally connected for tests (IEC 61340: -4-1, -2-3, -4-5; ANSI/ESD: S4.1-2006; ANSI/ESD STM: 11.11-2006, 11.12-2007, 11.13-2004, 12.1-2006, 97.1-2006)

Key Specifications

- Measurement Range: $10^3 \Omega$ to $10^{12} \Omega$
- Display Range: 1×10^z to 9×10^z where z = measuring range exponent
- Accuracy: 10% to 25% of reading (depends on measuring range)



Model 1501 Surface Resistance Meter

For complete specifications please refer to individual data sheets for Model 511 and Model 1501



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