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 ±5% of reading, ±10 mV
  Voltage display: Better than ±5% of reading, ±2 counts

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;

Key Specifications
- Measurement Range: $10^4 \Omega$ to $10^{12} \Omega$
- Display Range: $1 \times 10^2$ to $9 \times 10^z$ where $z =$ measuring range exponent
- Accuracy: 10% to 25% of reading (depends on measuring range)

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