



TECHNICAL DATASHEET

ESD Protection Solutions



SKU: EP0201077

ESD AUDIT KIT PROFESSIONAL TERARESIST 8000

ESD Audit Kit Professional TERARESIST 8000 consists of:

Resistance Meter TERA Ohmmeter TeraResist 800:

- User friendly
- Colour touch-screen display
- 4 fixed measuring voltages:
 - * 10 V from 1 K Ω (10^3 Ohm) to 200 G Ω (2×10^{11} Ohm)
 - * 100 V from 100 K Ω (10^5 Ohm) to 2 T Ω (2×10^{12} Ohm)
 - * 500 V from 1 M Ω (10^6 Ohm) to 5 T Ω (5×10^{12} Ohm)
 - * 1000 V from 1 M Ω (10^6 Ohm) to 10 T Ω (10^{13} Ohm)
- Timer function
- Internal memory for measurements
- Temperature & humidity automatic tests
- USB interface
- Maintenance free
- 2 years warrantee



SCOPE OF SUPPLY:

- Tera-Ohmmeter TeraResist 8000 with temperature & humidity sensors
- Plug-in power supply 230V ~ / 50Hz - 9V DC / 300mA
- 4 x AA Mignon NiMH battery
- Teflon-insulated measuring cable (yellow) 1m, banana on protective plug (4 mm)
- Teflon-insulated measuring cable (red) 2m, banana on protective plug (4 mm)
- 2 measuring electrodes 2.5 kg according to EOS / ESD-S4.1 and S7.1
- 5 pieces of measuring point marking stickers EP0601038
- USB cable
- PC software on USB stick
- Instruction manual
- Factory calibration certificate
- Sturdy aluminum case
- Conductive case with foam insert





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Electric Field Meter EP-EFM823 with Analog Output:

- Hand-held
- Pocket-size
- 2-line LCD display
- Measuring range : 0 to $\pm 200\text{kV}$ (200,000V)
- Very high zero point stability
- Measuring distances:
 - * Distance 1cm: 0 to 10kV
 - * Distance 2cm: 0 to 20kV
 - * Distance 5cm: 0 to 50kV
 - * Distance 10cm: 0 to 100kV
 - * Distance 20cm: 0 to 200kV
- Battery operation

SCOPE OF SUPPLY:

- 3 pcs. of 9V-NiMH block batteries
- Plug charger for 9V battery
- Coil cord earthing cable with alligator clip
- USB Y-cable
- Factory calibration certificate
- Instruction manual



SR-800 Pocket Surface Resistance Tester Meter:

- Hand-held
- Pocket-size
- LED Readout
- In-built electrodes
- Measuring range : $10^3 \Omega - 10^{12} \Omega$
- Test voltage: 10V or 100V (switchable)
- Battery indicator

SCOPE OF SUPPLY:

- Surface tester
- 9V battery
- Factory calibration certificate
- Instruction manual





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Charge Plate Set & HV Encoder for EP-EFM823:

- To measure the effectiveness of ionizers

SCOPE OF SUPPLY:

- Device base for EFM823
- Plate capacitor
- HV converter $\pm 1,200V$
- Grounding cable for device base
- Instruction manual



Walk Test for EP-EFM823:

- To measure body tension (walk test) according to IEC 61340-4-5

SCOPE OF SUPPLY:

- Voltage measuring head for EFM823
- Hand electrode
- 3m Silicone cable

Digital Hygro-Thermometer:

- Hand-held
- Pocket-size
- 13mm high LCD display
- Temperature accuracy: ± 0.5
- Temperature measuring range: -20.0 to 70.0 °C
- Relative humidity accuracy: $\pm 3\%$
- Relative humidity measuring range: 30 to 70%



Mini-probe with 2 Test Leads:

- Diameter: 22 mm
- Overall length: 220 mm
- Electrode distance: 6.4 mm
- Connection: 4 mm banana plug





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ESD-
PROTECT®

Ring Electrode Set:

- Total diameter: 70 mm
- Outside ring diameter: 60 mm
- Inside ring diameter: 30 mm
- Height: 170 mm
- Weight: 2.6 kg

SCOPE OF SUPPLY:

- 1 x concentric ring electrode
- 5 x measuring point marking stickers
- Conductive carbon contact rubber ($R < 500 \Omega$)



General accessories:

- A/D convertor USB stick
- PC software KL Read Out
- Recorder output cable 3.5 mm jack / BNC
- Instruction manual
- Earthing module (EP0101001)
- Alligator clip with 10 mm stud connection (EP0599010)
- Alligator clip for banana plugs (EP0599009)
- Wrist band with 10 mm stud (EP0105001)
- Cord coil cable 10 mm stud / 10 mm stud (EP0103009)
- Cord coil cable, incl. banana plug to 10 mm stud, 1.80m (EP0103016)
- Socket tester for Schuko sockets (EP0201043)
- Hand reel for TERA-OHMMETER (EP0201007)
- Insulating plastic plate (400 x 300 x 6 mm)
- Metal plate (400 x 300 x 2 mm with earth connection)