

ESD Audit Kit Professional TOM 8600 with trolley

Product Number EP0201055



Product Description

ESD Audit Kit Professional TOM 8600 with trolley

Consisting of: Resistance meter TERA ohmmeter EP0201003 and electric field meter EP0201016 with analog output, additional accessories, with trolley

As ESD Audit Kit Professional EP0201045, but with removable trolley (height-adjustable handle)

TERA ohmmeter for measuring surface and leakage resistances as well as humidity and temperature. The TERA ohmmeter TOM 8600 works according to the current-voltage measurement method. To adapt to specified standards (IEC, EN, DIN, VDE, etc.), the prescribed measuring time can be set via an internal timer. The measuring voltage can be set manually or switched automatically with the measured value. The internal memory for max. 50 measured values can be read out to a PC via a USB interface using the KL-ReadOut software included in the scope of delivery. There the data can be saved, managed and printed. This program can also be used to completely preset all the required parameters and for ONLINE operation.

Scope of delivery:

- Tera-Ohmmeter TOM 8600
- Plug-in power supply 230V~ / 50Hz – 9V DC / 300mA
- 4 x AA Mignon NiMH batteries
- Test lead (yellow) 2m, banana to safety plug (4 mm), touch-proof
- Measuring lead (red) 3m, banana to safety plug (4 mm), touch-proof
- 2 measuring electrodes 2.5 kg according to EOS/ESD-S4.1 and S7.1
- USB cable
- PC software KL_ReadOut on USB stick
- Operating instructions
- Calibration certificate
- Sturdy ALU case

The **EFM 823 electric field meter** is very user-friendly thanks to its compact design and "one-button" operation. The antistatic plastic housing is EPA-compatible. The EFM 823 has very useful technical features that comparable meters do not have. It contains ALL the functions of the EFM 822 and also has an analog output $\pm 1V$. This is switched on in the manual E-field meter ranges. Voltage potentials on the measurement object can be determined directly by preselecting the measuring distance, thus eliminating the need for time-consuming conversions. There are 5 measuring distances available, which enable optimum handling of the device even in problematic detection ranges:

Distance 1cm 0 to 10kV

Distance 2 cm 0 to 20kV

Distance 5 cm 0 to 50kV

Distance 10cm 0 to 100kV

Distance 20 cm 0 to 200kV

The measured value can be frozen in the display, allowing accurate measurements to be taken even in places that are difficult to access.

Accessories:

- 3 pcs. 9V NiMH block batteries
- Charger plug for 9V battery
- Spiral earthing cable with tapping terminal
- Y-USB cable
- 2 spacers (2cm)
- Operating instructions
- Calibration certificate

Charge plate and HV transducer for EP-EFM823 for measuring the effectiveness of ionizers, among other things.

- Device base for EFM823
- Plate capacitor
- HV converter $\pm 1,200V$
- Earthing cable for device base
- Operating instructions

Walk test for EP-EFM823 for measuring the body voltage (walk test) according to IEC 61340-4-5

- Voltage measuring head for EFM823
- Hand electrode
- Silicone cable 3m
- A/D converter USB stick
- PC software KL Read Out
- Recorder output cable 3.5mm jack/BNC
- Operating instructions

Further accessories:

- **Pocket device** for quick testing of dissipative surfaces
- Digital **hygro/thermometer**
- **Mini-Probe Set** for surface resistance measurement on small surfaces
- Cylindrical **ring electrode**, $\varnothing 70$ mm, height: 170 mm, for surface and volume resistivity measurement
- Schuko **earthing block** 3x DK 10
- **Alligator clip** with DK 10
- **Alligator clip** small
- **Wrist strap** with DK 10
- **Spiral cable** DK 10/DK 10
- Insulating **plastic plate** 400 x 300 x 6 mm
- **Metal plate** 400 x 300 x 2 mm with earthing connection
- **Socket outlet tester** for Schuko sockets