

ESD high-resistance meter kit with electrodes digital - Warmbier Metriso 3000

Item no. WL41316

Manufacturer Warmbier

Digital high-resistance meter set with data logger for up to 50,000 readings, USB readout and ETC reporting software. It measures point-to-point and leakage resistance from 1 kOhm to 1.2 TOhm, captures temperature and humidity and supports a barcode scanner for traceable ESD audits.

TECHNICAL DATA

Ausführungsklasse	ESD (antistatic)
HS-Code	90303900
Norm	DIN EN 61340-4-1, IEC 61340-4-1, IEC 61340-4-5
Sales unit	1 Stück
Weight	0.1 kg



STANDARDS & COMPLIANCE

ESD safe DIN EN 61340-4-1 DIN EN 61340-2-3 DIN EN 61340-4-5 IEC 61340

DESCRIPTION

The Metriso 3000 measuring kit with electrodes from Warmbier is a digital high-resistance meter for professional, traceable auditing of ESD protected areas. It measures point-to-point and leakage resistance of people, footwear, mats and floor systems over a particularly wide range from 1 kOhm to 1.2 TOhm and stores up to 50,000 readings for complete documentation.

KEY BENEFITS

- Very wide high-resistance range up to 1.2 TOhm, also for assessing highly resistive, insulating materials.
- Built-in data memory for up to 50,000 readings with USB readout to the PC.
- ETC reporting software to create and archive complete test reports.
- Attachable probe captures temperature and relative humidity together with the resistance value.
- Barcode scanner support for automatic logging of measuring points before measurement.
- Menu language German, English, French or Spanish; battery operation for mobile use.

TECHNICAL DATA

- Low-resistance range: 0 to 10 kOhm

- High-resistance range: 1 kOhm to 1.2 TOhm
- Measuring current ohm range: 1 mA to 1.3 mA
- High-resistance test voltage: 10 V, 100 V, 500 V DC
- Display: digital readout incl. barcode scanner
- Internal memory: up to 50,000 readings
- Interface: USB
- Environment capture: temperature and humidity (attachable probe)
- Power: battery operation
- Electrodes: 2x Model 870 (2.27 kg each, 63.5 mm dia., grey conductive contact rubber with silver particles), 1x hand electrode Model 45

APPLICATIONS

- Documented, recurring testing of ESD workstations, coverings and floors.
- Audits with traceable measuring-point logging via barcode.
- Leakage resistance measurement on people and ESD footwear incl. climate log.

SCOPE OF DELIVERY

- Digital high-resistance meter Metriso 3000
- Attachable temperature and humidity probe
- USB interface and PC software for Windows
- 2 measuring electrodes Model 870 (2.27 kg each, 63.5 mm dia., grey conductive contact rubber with silver particles) with extension rod
- 1 hand electrode Model 45
- Measuring leads
- Operating manual (German, English, French)
- Factory calibration certificate
- Conductive carrying case with dissipative pink foam

STANDARDS AND COMPLIANCE

Meets DIN EN 61340-4-1, DIN EN 61340-2-3 and DIN EN 61340-4-5 (IEC 61340).