

Calibrated teraohmmeter kit with barcode and QR reader - A1-ESD Safe-Stat RM 4000

Item no. C-212-4000-SDQR-KIT

Manufacturer A1-ESD

Calibrated complete kit of the Safe-Stat RM 4000 teraohmmeter with barcode and QR reader, test leads, electrodes, temperature and humidity sensor, SD card and mains adapter. Measures 5 kΩ to 2 TΩ at 10 V and 100 V per IEC 61340 and documents every check in an audit-proof way.

TECHNICAL DATA

Ausführungsklasse	ESD (antistatic)
Country of Manufacture	Germany
ESD equipment	ESD-Messgeräte
HS-Code	90303900
Norm	IEC 61340-5-1
Sales unit	1 Set
Weight	8 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340 IEC 61340-5-1

DESCRIPTION

The calibrated complete kit supplies the Safe-Stat RM 4000 teraohmmeter with full accessories for standard-compliant resistance measurement in the EPA. Its integrated barcode and QR reader uniquely identifies every test object so that recurring checks are stored and archived in an audit-proof way.

KEY BENEFITS

- **Delivered calibrated:** meter with calibration certificate, ready for audits.
- **Unambiguous object assignment:** integrated barcode and QR reader links each reading to the correct test object.
- **Standard-compliant measurement:** surface, point-to-point and resistance-to-ground at 10 V and 100 V per IEC 61340.
- **Wide range:** 5 kΩ to 2 TΩ with freely configurable limit values.
- **Automatic documentation:** memory for over 5,000 records including temperature, humidity, date and time.

TECHNICAL DATA

- Test voltage: 10 V and 100 V
- Measuring range: 5×10^3 to $2 \times 10^{12} \Omega$
- Accuracy: +/-5 %
- Memory: over 5,000 readings on SD card
- Power: lithium-ion battery or mains adapter
- Meter weight incl. battery: approx. 400 g
- Meter dimensions: approx. 210 x 105 x 40 mm

SCOPE OF DELIVERY

- Safe-Stat RM 4000 meter, calibrated
- Shielded test leads and electrodes
- Barcode and QR reader
- External temperature and humidity sensor
- SD card and mains adapter

APPLICATIONS

- Recurring testing of ESD workstations and floor coverings in the EPA
- Internal and external ESD audits with audit-proof records
- Measurement of surface, point-to-point and resistance-to-ground values

STANDARDS AND COMPLIANCE

Captures surface, point-to-point and resistance-to-ground values in line with the IEC 61340-5-1 standard series.