

## Teraohmmeter test kit in carrying case - A1-ESD EP-RM 4000

Item no. C-212 4000-SD-KIT

Manufacturer A1-ESD

Complete carrying-case set around the EP-RM 4000 teraohmmeter: meter with barcode and RFID capture, two ring electrodes, test leads, temperature and humidity sensor, SD card, PC software and calibration certificate. Ready to use for standard-compliant resistance measurement and audit-proof ESD audits.

### TECHNICAL DATA

|                   |                  |
|-------------------|------------------|
| Ausführungsklasse | ESD (antistatic) |
| ESD equipment     | ESD-Messgeräte   |
| HS-Code           | 90303900         |
| Norm              | IEC 61340-5-1    |
| Sales unit        | 1 Set            |
| Weight            | 0.1 kg           |



### STANDARDS & COMPLIANCE

ESD safe IEC 61340 IEC 61340-5-1

### DESCRIPTION

The test kit supplies the EP-RM 4000 teraohmmeter as a complete carrying-case set for standard-compliant resistance measurement in the EPA. Its integrated barcode reader, or alternatively an RFID scanner, uniquely identifies each test object and documents every recurring check in an audit-proof way.

### KEY BENEFITS

- **Ready to use:** all electrodes, leads and sensors in a foam-lined carrying case.
- **Unambiguous object assignment:** barcode reader or RFID scanner 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:  $5 \times 10^3$  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

- RM 4000-SD meter incl. temperature and humidity sensor and mains adapter
- PC software package and 3-page calibration certificate
- SD card and two ring electrodes
- BNC-to-banana and banana-to-banana test leads
- Barcode marking labels (100 pieces)
- Carrying case with foam insert

## 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.