

Digital surface resistance tester with OLED display

Item no. EP0201063

Manufacturer A1-ESD

Teraohmmeter for point-to-point and point-to-ground resistance measurements with test voltages of 10 V and 100 V. The large OLED display shows the reading, temperature and relative humidity; the internal memory holds up to 100 readings for complete ESD documentation.

TECHNICAL DATA

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



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1 IEC 61340

DESCRIPTION

The DESCO 19291 is a digital teraohmmeter for point-to-point and point-to-ground resistance measurements on ESD workstations, floor coverings and packaging materials. With switchable test voltages of 10 V and 100 V, it covers the relevant resistance range from conductive to insulating and delivers reproducible, standard-compliant results for ongoing ESD control.

KEY BENEFITS

- **Large display:** OLED display showing reading, temperature, relative humidity and test voltage at the same time.
- **Complete documentation:** internal memory for up to 100 readings.
- **Fast range classification:** additional LED indicator for the resistance exponent.
- **Two test voltages:** 10 V and 100 V for standard-compliant testing of different materials.
- **Wide range:** below 1.0×10^3 to above $1.0 \times 10^{12} \Omega$.

TECHNICAL DATA

- Method: point-to-point and point-to-ground
- Measuring range: below 1.0×10^3 to above $1.0 \times 10^{12} \Omega$

- Test voltage: 10 V and 100 V, switchable
- Display: OLED display plus LED exponent indicator
- Memory: up to 100 readings
- Additional values: temperature and relative humidity

APPLICATIONS

- Regular inspection and auditing of ESD protected areas (EPA)
- Checking of workstations, dissipative floor coverings, table mats and packaging
- Fault analysis and quality assurance in electronics production

STANDARDS AND COMPLIANCE

Supports resistance measurements per IEC 61340-5-1 and the associated test standards of the IEC 61340 series.