



**Ideal for testing in accordance with:**

- ANSI/ESD STM2.1 Garments – Resistive Characterization
- ANSI/ESD STM4.1 Worksurfaces – Resistance Measurements
- ANSI/ESD STM7.1 Floor Materials – Characterization of Materials
- ANSI/ESD STM9.1 Footwear – Resistive Characterization
- ANSI/ESD SP9.2 Footwear – Foot Grounders Resistive Characterization
- ANSI/ESD STM97.1 Footwear/Flooring System – Resistance Measurement in Combination with a Person
- ANSI/ESD STM12.1 Seating – Resistive Measurements
- ESD TR53 Compliance Verification of ESD Protective Equipment and Materials



**Product# ACL 880**

*Includes tester, two 5-lb probes, shielded split cable 80" (banana-to-banana), shielded ground cable 80" (banana-to-banana), 9-volt battery, foam-lined carrying case, and calibration certificate.*

# ACL 880 Digital Megohmmeter

## High-precision resistance audit kit

The ACL 880 Digital Megohmmeter is a highly accurate and dependable audit kit that is designed to test static dissipative surfaces for electrical resistance according to industry standards. Point-to-point (RTT) and resistance-to-ground (RTG) tests are easy to perform with the calibrated five-pound powder-coated electrodes.

Unlike analog meters with LEDs, test results are shown in actual precise numeric value rather than decade value in logarithmic scale. Accuracy is increased by eliminating electronic noise with ultra high-tech, heavy-duty shielded cables. Auditing is simplified by operating the tester in a choice of modes: automatic for 10-second measurement hold or continuous for uninterrupted inspection testing. Test voltages can be applied manually or automatically.

This meter is suitable to use in any environment using static controlled materials including electrostatic protected areas.

**Ideal for the following applications:**

- Electrical device manufacturing
- EPA audits
- Maintenance checks
- Quality control and incoming inspection
- Static control material production

**FEATURES:**

- ✦ Alphanumeric LCD scale shows precise value
- ✦ Resistance range:  $10^3$  -  $10^{12}$  ohms
- ✦ Test voltage range:
  - <10 volt variable:  $10^3$  -  $9.9 \times 10^3$  ohms
  - 10 volt  $\pm$  0.5 volts:  $1.0 \times 10^4$  -  $9.9 \times 10^5$  ohms
  - 100 volt  $\pm$  <5 volts:  $1.0 \times 10^6$  -  $9.9 \times 10^{12}$  ohms
- ✦ Accuracy:
  - $10^3$  -  $10^{10}$  ohms: <  $\pm$  2%,  $\pm$  2 counts
  - $10^{11}$  -  $10^{12}$  ohms: <  $\pm$  10%,  $\pm$  4 counts
- ✦ Measurement operation:
  - Automatic: 10-second hold
  - Continuous: uninterrupted
  - Calibration is traceable to NIST
- ✦ Powered by 9-volt alkaline battery
- ✦ Made in USA