



## Directions:

Place tester on surface to be tested. Apply five pounds of pressure while depressing red test button. The corresponding LED for the test value will illuminate. To measure resistivity in ohms per square, test using the built-in rubber electrodes. To measure resistance in ohms, test using the optional external 5-lb probes. Detailed instructions are found in the ACL 395 manual.

**Product# 395:** includes tester, two cables, 9-volt battery, and calibration certificate

**Product# 396:** includes two 5-lb probes and a foam-lined carrying case

# ACL 395 Resistivity Meter

## *Precision checker for ESD production areas*

The ACL 395 handheld meter features half decades for a more precise test value than other pocket-sized meters using a logarithmic scale. The meter can be used as a checker when measuring with the internal rails or as a megohmmeter when used with optional external probes.

Utilizing color-coded zones, the LED scale is easy to read and evaluate. Half decades indicate where the measurement value falls within the decade giving a closer indication to actual value. An orange “warning” zone alerts the auditor to material approaching the upper end of the dissipative scale, so that it can be designated as nearly out of specification.

Unlike other pocket-sized meters, the ACL 395 features conductive rubber rails for the best contact possible. The parallel resistivity probe method ASTM D257 is useful when doing quick quality assurance checks on packaging and assembly lines. When the optional 5-lb probes are used, this meter is suitable for test methods IEC 61340-4-1, ANSI/ESDA S4.1 and ANSI/ESDA S7.1 for RTG and RTT testing.

## Ideal for the following applications:

- Custodial maintenance checker
- ESD-safe mats and flooring
- Laboratories
- Assembly and inspection lines

## FEATURES:

- ✿ **Accuracy:** +/- 0.25 decade in the dissipative range
- ✿ **Power Supply:** 9-volt alkaline battery
- ✿ **Test Voltage:** 10 volts at values less than  $10^6$
- ✿ **100 volts at values of  $10^6$  and greater**
- ✿ **Resistivity Limits:**  $10^3 - 10^{12}$  ohms per square
- ✿ **Resistance Limits (when using external probes):**  $10^3 - 10^{12}$  ohms
- ✿ **LED Colors:**  
Green  $10^3 - 10^6$ , Yellow  $3 \times 10^6 - 10^9$ , Orange  $3 \times 10^9 - 10^{10}$  Red  $10^{11} - 10^{12}$
- ✿ **Weight:** 8.9 ounces
- ✿ **Size:** 5 ¼" x 1 ¾" x 3"