

# ACL 395 Resistivity Meter

## Precision Auditor for ESD-Protected Areas

The ACL 395 handheld meter features sophisticated circuitry that produces higher accuracy than other pocket-sized meters. This allows for the same advantages as megohmmeters, but at an economical price.

Utilizing color-coded zones, the LED scale is easy to read and interpret. Half decade measurements give a closer indication to actual value. A specially colored "warning" stage 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. This yields higher accuracy when assessing packaging and assembly lines using the parallel resistivity probe method ASTM D257. When the optional 5-lb probes are used, this meter will comply with IEC 61340-4-1, ANSI/ESDA S4.1 & ANSI/ESDA S7.1 for RTG and RTT testing, making it ideal for auditing in ESD production areas and laboratories.

The flush façade of the ACL 395 is contemporary in design and functional in purpose. The face plate includes an integrated press button and provides protection for the LED scale. This prevents battery drain and lessens the potential for breakage.

The ACL 395 meter can be used in all facets of material production including engineering, maintenance, quality control, incoming inspection, manufacturing and research departments for the testing of anti-static mats, floor finishes, paints, wrist straps, smocks, bags and containers.



### Easy to Use:

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.

### Specifications:

- ✧ 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 1/4" x 1 3/8" x 3"