



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ACL 380 Resistivity Meter

The ACL 380 Resistivity Meter is a lightweight tester for measuring surface resistivity in ohms per square according to parallel resistivity probe method ASTM D257.

Easy to use, this meter shows values through an LED scale that is coded with colors to signify conductive, dissipative, and insulative. There is also a colored "warning" stage to signal to the auditor that the material is at the higher end of the dissipative range and is close to being out of specification. Half decades provide greater accuracy by giving a closer indication to the measurement value.

This meter is designed to be used in all facets of material production including engineering, maintenance, quality control, incoming inspection, manufacturing, research, and sales departments for the testing of anti-static mats, floor finishes, paints, wrist straps, smocks, footwear, bags and containers.

The ACL 380 Resistivity Meter and the ACL 381 Accessory Kit combine to make a dependable audit kit for conductive and dissipative surfaces. It is suitable for point-to-point (RTT) and resistance-to-ground (RTG) tests. When the 5-lb probes are used, this audit kit will comply with IEC 61340-4-1, ANSI/ESDA S4.1 & ANSI/ESDA S7.1.

Easy to Use:

To measure resistivity in ohms per square, test using the built-in electrodes. To measure resistivity, test using the optional external 5-lb probes. Detailed instructions are found in the ACL 380 manual.

Product #380 includes two cables, 9-volt battery, and calibration certificate.

Product #381 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 - 10^5
Yellow 3 x 10^5 - 10^9
Orange 3 x 10^9 - 10^{10}
Red 10^{11} - 10^{12}
- ✿ **Weight:** 8.9 ounces
- ✿ **Size:** 5 1/4" x 1 3/8" x 3"