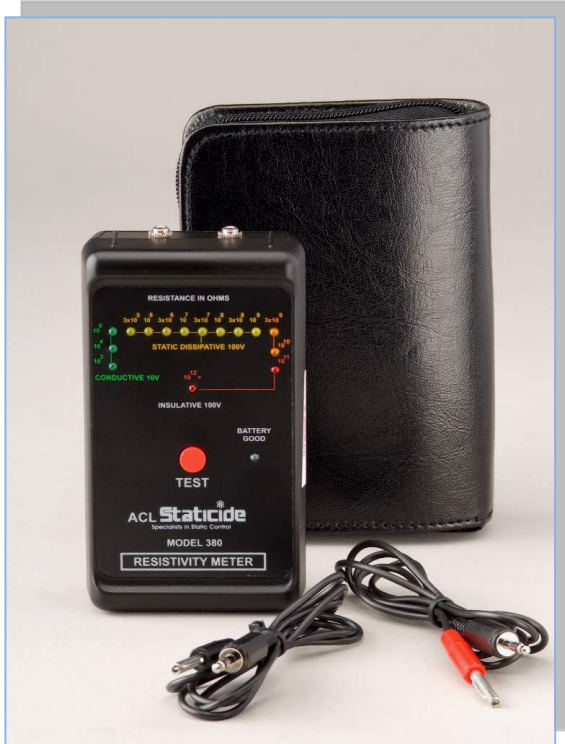


ACL 380 Resistivity Meter



The pocket-sized ACL 380 is a lightweight auto - ranging surface resistivity meter. It is designed to test conductive, anti-static, and static dissipative surfaces for electrical resistivity according to the ESDA's parallel resistivity probe method DIN EN 100 015/1 & ANSI/ESDA-S11.11.

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

The ACL 380 Resistivity Meter with the ACL 381 accessory kit is a dependable audit kit for conductive and dissipative surfaces. Suitable for point-to-point (RTT) and resistance-to-ground tests (RTG). This audit kit will comply with IEC 61340-4-1, ANSI/ESDA S4.1 & ANSI/ESDA S7.1 when the five pound electrodes are used.

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.

The test voltage ranges are 10v and 100v. According to ESDA standards S4.1, S7.1, and S11.11 10 volts should be applied for conductive surfaces less than 10^6 and 100v for materials 10^6 or greater. The ACL 380 will automatically generate the proper voltage according to test measurement.

COMPLETE OPERATIONS MANUAL AVAILABLE UPON REQUEST

When it comes to static production and ESD auditing,

ACL Staticide[®] has you covered.

MODEL ACL 380

ACL 380 RESISTIVITY METER INCLUDES :	ACL 390 ACCESSORY KIT INCLUDES:
Lightweight tester	Two 5 lb probes
Two cables (monaural to banana)	Foam lined carrying case
9 volt battery	
Calibration certificate	

SPECIFICATIONS	
Power Supply	9 volt alkaline battery
Test Voltage	10 volt / 100 volt
Resistivity Limits	$10^3 - 10^{12} \Omega$ per square
Resistance Limits (when using external probes)	$10^3 - 10^{12} \Omega$
Accuracy	$\pm 10\%$
Weight	8.9 oz
Meter Size	5 1/4" x 1 3/8" x 3"



COLOR	ELECTRICAL	Ω
Green	Conductive	$10^3 - 10^5$
Yellow	Dissipative	$3 \times 10^5 - 10^9$
Orange	Dissipative	$3 \times 10^9 - 10^{10}$
Red	Insulative	$10^{11} - 10^{12}$

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