

ACL 800 MEGOHMMETER

Measures Resistivity/Resistance, Temperature, and Humidity

“Humidity and temperature affect resistivity so they must be measured.”



- ◆ Measures resistivity: 10^3 – 10^{12} ohms/sq.
- ◆ Measures resistance: 10^3 – 10^{12} ohms
- ◆ Measures relative humidity: 10% to 90% RH
- ◆ Measures temperature: 32°F to 100°F (0°C–37.7°C optional)
- ◆ 10v/100v test voltage range
- ◆ High accuracy – all ranges
- ◆ Included probes:
 - Two 5 lb., 2.5" RTT, RTG disk probes
 - Two 3" parallel surface resistivity probes
- ◆ LCD alpha-numeric scale – no LEDs
- ◆ Rechargeable battery capability
- ◆ Test mats, floor finishes, paints, wrist straps, smocks, foot wear, bags, and containers

ACL, Inc. Model 800 Megohmmeter is designed to test all conductive, anti-static, and static dissipative surfaces for electrical resistivity/resistance according to EOS/ESD, CECC, ANSI, ASTM, and UL test procedures. It is easy to use and is of high quality and dependability. The meter also measures relative humidity and temperature, both of which affect electrical properties.

Features

- ◆ Measures resistivity, temperature, and humidity
- ◆ 10^3 – 10^{12} ohms/sq. test range
- ◆ 10v/100v test ranges
- ◆ Blow molded travel case
- ◆ Light weight meter – 15 oz.
- ◆ Alpha-numeric LCD scale
- ◆ Automatic power shut off
- ◆ Auto zeroing
- ◆ Two 5 lb. disk probes and built in resistivity probes
- ◆ One year warranty
- ◆ NIST traceable (NIST Calibration – optional)
- ◆ Replaceable probes
- ◆ 9 volt DC battery or 120 volt AC Adapter
- ◆ Cleanroom probes available
- ◆ Concentric ring resistivity probe (optional)

Benefits

- ◆ Conforms to ESD Standards, S4.1, S7.1, & S11.11
- ◆ Measures full electrical range of materials
- ◆ Ideal for work surfaces & flooring (EOS/ESD standard conformance)
- ◆ Protects meter from damage
- ◆ Portable and compact
- ◆ Easy to use, read, understand, and interpret
- ◆ Conserves battery life
- ◆ Accuracy
- ◆ Conforms to ASTM, EOS, and CECC standards
- ◆ Problem free
- ◆ ISO 9000 conformance
- ◆ Long life
- ◆ Portable in both the US and overseas
- ◆ No particle contamination
- ◆ Accuracy and conformance

ACL 800 MEGOHMMETER

The World's Best Resistivity Meter

Resistivity/Resistance-Humidity-Temperature Meter all in one

"Humidity affects resistivity, it should be measured."

<u>Features</u>	<u>ACL Model 800</u>	<u>3M-701</u>	<u>Pinion 127-254</u>	<u>Monroe 262A-1</u>
10 ³ –10 ¹² Ohms Range	Yes	No (10 ⁵ –10 ¹¹ Ohms)	No (10 ⁴ –10 ¹² Ohms)	Yes
Reads Humidity	Yes	No	No	No
Reads Temperature	Yes	No	No	No
10 Volts & 100 Volts	Yes	Yes	No	No (100 Volts)
5 lb. 2½" Disk Probes	Yes	Yes	No	Yes
Measures RTT, RTG	Yes	Yes	No (Only RTG)	No (Only RTG)
Measures Surface Resistivity	Yes	No	Yes	Yes
Built in parallel resistivity probes	Yes	No	Yes	Yes
Easy Read Digital LCD	Yes	No (Analog)	No (LED)	No (LED)
Coil Cords included	Yes	No	No	No
Foam Protective Case	Yes	Yes	No	Yes
NIST Calibration	Yes (optional)	Yes	No	Yes
Concentric Ring Probe	Yes (optional)	No	No	No
Standard 9v Battery	Yes	No (22.5 volt Special)	No (6 volt Special)	No (12 volts \$50.00 cost)



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