

# MEGOHMMETERS

## 5000V DIGITAL/ANALOG

### MODELS 5050 & 5060

Designed with the highest level of safety features built in



Model 5060

## SPECIFICATIONS

MODELS	5050	5060
<b>INSULATION TESTS</b>		
<b>Test Voltage</b>	500V 1000V 2500V 5000V	10kΩ to 2000GΩ (2TΩ) 10kΩ to 4000GΩ (4TΩ) 10kΩ to 10,000GΩ (10TΩ) 10kΩ to 10,000GΩ (10TΩ)
<b>User Selectable Test Voltage</b>		Programmable: 40 to 1000V: 10V increments; 1000 to 5100V: 100V increments
<b>Accuracy</b>	10kΩ to 399.9GΩ 400GΩ to 10TΩ	±5% of Reading ±3cts ±15% of Reading ±10cts
<b>Voltage Test/Safety Check</b>		2500Vac/4000Vdc
<b>Voltage Warning Indicator</b>		Yes >25V
<b>Test Inhibition</b>		Yes — selectable at 3, 10 or 20% of test voltage
<b>Smooth Function (user selectable)</b>		Digital filtering stabilizes display readings
<b>COMMUNICATION</b>		
<b>Storage of Readings over Time R(t)</b>	4kB memory	128kB memory
<b>Storage of Test Results</b>	20 readings	1500 readings
<b>Communication Port</b>	—	Serial and RS-232 to USB adapter (included)
<b>PC Software/Report Generation</b>	No	DataView® (included)
<b>ELECTRICAL</b>		
<b>Power Source</b>	One 9.6V NiMH battery pack (included) Line power: 85 to 256V (50/60Hz)	

## DataView®

DATA ANALYSIS AND REPORTING SOFTWARE

Print reports directly from your computer using DataView® software (Models 5060 & 5070)



SEE PAGE 101 FOR DETAILS

## PRODUCT INCLUDES

### 5050, 5060 & 5070

Extra large classic tool bag, set of three 10 ft. (5Kv) leads (red/black/blue) with integral 5000V rated hippo clips, one guard terminal jumper lead, US 115V power cord, rechargeable battery pack and user manual.



Shown: Model 5050

### PC RS-232 CABLE

Catalog #2119.45  
DB9 F/F 6ft null modem cable  
Catalog #5000.60  
RS-232 to USB adapter  
(Models 5060 & 5070)



### USB DRIVE

Supplied with DataView® software and user manual (Models 5060 & 5070)



### CATALOG NO.

### DESCRIPTION

2130.20

Megohmmeter Model 5050 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 500V, 1000V, 2500V, 5000V, Auto DAR/PI/DD)

2130.21

Megohmmeter Model 5060 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 500V, 1000V, 2500V, 5000V Auto DAR/PI/DD, RS-232 with DataView® software)



Technical Assistance (800) 343-1391

www.aemc.com

# MEGOHMMETERS

## SELECTION CHART

AEMC MODEL NUMBER	AEMC CATALOG NUMBER	TEST VOLTAGE	INSULATION RANGE	RESISTANCE RANGE	CONTINUITY RANGE	CAPACITANCE RANGE	VOLTAGE DETECTION	POWER SOURCE	DISPLAY	DATAVIEW® SOFTWARE
6501	2126.51	500V	0.5 to 200MΩ	0 to 500kΩ	0 to 100Ω	—	0 to 600V <sub>AC</sub>	Hand-cranked	Analog	No
6503	2126.52	250V 500V 1000V	1 to 500MΩ 1 to 500MΩ 10 to 5000MΩ	—	—	—	0 to 600V <sub>AC</sub>	Hand-cranked	Analog	No
6527	2126.53	250V 500V 1000V	1kΩ to 4GΩ 1kΩ to 4GΩ 1kΩ to 4GΩ	0.0 to 400.0kΩ	0.00 to 400Ω	—	0 to 600V <sub>AC</sub> 0 to 1000V <sub>DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	No
1026	2117.72	250V 500V 1000V	1kΩ to 4GΩ	4kΩ	0 to 40Ω	—	0 to 600V <sub>AC/DC</sub>	8 x AA Alkaline Batteries	Digital/ Analog	No
6522	2155.51	250V 500V 1000V	50kΩ to 40GΩ	—	10Ω	—	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	No
6524	2155.52	50V 100V 250V 500V 1000V	10kΩ to 200GΩ	1000kΩ	10Ω, 100Ω	—	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	No
6526	2155.53	50V 100V 250V 500V 1000V	10kΩ to 200GΩ	1000kΩ	10Ω, 100Ω	0.1n to 10μF	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	Yes
6532	2155.54	50V 100V	10kΩ to 20GΩ	1000kΩ	10Ω, 100Ω	0.1n to 10μF	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	Yes
6534	2155.55	10V 25V 100V 250V 500V	2kΩ to 50GΩ	1000kΩ	10Ω, 100Ω	—	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	Yes
6536	2155.56	10V 100V	2kΩ to 20GΩ	1000kΩ	10Ω, 100Ω	—	700V <sub>AC/DC</sub>	6 x AA Alkaline Batteries	Digital/ Analog	No
6536 ESD Floor Kit	2155.57									
1050	2130.01	50V 100V 250V 500V 1000V	2kΩ to 200GΩ 4kΩ to 400GΩ 10kΩ to 1TΩ 20kΩ to 2TΩ 40kΩ to 4TΩ	0.01 to 400kΩ	0.01 to 39.99Ω	0.005 to 4.999μF	0 to 1000V <sub>AC/DC</sub>	8 x 1.5V C Cell Batteries	Digital/ Analog	No
1060	2130.03	50V 100V 250V 500V 1000V	2kΩ to 200GΩ 4kΩ to 400GΩ 10kΩ to 1TΩ 20kΩ to 2TΩ 40kΩ to 4TΩ	0.01 to 400kΩ	0.01 to 39.99Ω	0.005 to 4.999μF	0 to 1000V <sub>AC/DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	Yes
6505	2130.18	500V 1000V 2500V 5000V	10kΩ to 2TΩ 10kΩ to 4TΩ 10kΩ to 10TΩ 10kΩ to 10TΩ	—	—	0.001 to 49.99μF	2500V <sub>AC</sub> 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	No
5050	2130.20	500V 1000V 2500V 5000V	10kΩ to 2TΩ 10kΩ to 4TΩ 10kΩ to 10TΩ 10kΩ to 10TΩ	—	—	0.001 to 49.99μF	2500V <sub>AC</sub> 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	No
5060	2130.21	500V 1000V 2500V 5000V	10kΩ to 2TΩ 10kΩ to 4TΩ 10kΩ to 10TΩ 10kΩ to 10TΩ	—	—	0.001 to 49.99μF	2500V <sub>AC</sub> 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	Yes
5070	2130.30	500V 1000V 2500V 5000V	10kΩ to 2TΩ 10kΩ to 4TΩ 10kΩ to 10TΩ 10kΩ to 10TΩ	—	—	0.001 to 49.99μF	2500V <sub>AC</sub> 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Graphic/ Digital	Yes
6550	2130.31	500V 1000V 2500V 5000V 10,000V	10kΩ to 2000GΩ 10kΩ to 4000GΩ 10kΩ to 10,000GΩ 10kΩ to 15,000GΩ 10kΩ to 25,000GΩ	—	—	0.001 to 9.999μF 10.00 to 19.99μF	0 to 2500V <sub>AC</sub> 0 to 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	Yes
6555	2130.32	500V 1000V 2500V 5000V 10,000V 15,000V	10kΩ to 2000GΩ 10kΩ to 4000GΩ 10kΩ to 10,000GΩ 10kΩ to 15,000GΩ 10kΩ to 25,000GΩ 10kΩ to 30,000GΩ	—	—	0.001 to 9.999μF 10.00 to 19.99μF	0 to 2500V <sub>AC</sub> 0 to 4000V <sub>DC</sub>	Rechargeable NiMH Battery	Digital/ Analog	Yes