

Special roduct

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## Models 5050 & 5060

**Designed with the highest level** of safety features built in





## SPECIFICATIONS

MODELS	5050	5060			
INSULATION TESTS					
Test Voltage     500V       1000V     2500V       5000V     5000V	30kΩ to 2000GΩ (2TΩ) 100kΩ to 4000GΩ (4TΩ) 100kΩ to 10,000GΩ (10TΩ) 300kΩ to 10,000GΩ (10TΩ)				
User Selectable Test Voltage	Programmable: 40 to 1000V: 10V increments; 1000 to 5100V: 100V increments				
Automatic Step Voltage	_				
Accuracy     1kΩ to 40GΩ       40GΩ to 10TΩ	$\pm$ 5% of Reading $\pm$ 3cts $\pm$ 15% of Reading $\pm$ 10cts				
Voltage Test/Safety Check	0 to 1000Vac/dc				
Voltage Warning Indicator	Yes >25V				
Test Inhibition*	Yes — adjustable from 25 to 1000V depending on test voltage range in use				
Smooth Function (user selectable)	Digital filtering stabilizes display readings				
COMMUNICATION					
Storage of Readings over Time R(t)	4kB memory	128kB memory			
<b>Report Print Out Direct to Printer</b>	No	Preset format			
Storage of Test Results	20 Readings	Stores over 1500 test results			
Communication Port	-	RS-232			
PC Software/Report Generation	No	DataView <sup>®</sup> (included)			
ELECTRICAL					
Power Source	One 9.6V NiMH battery pack (included) Line power: 85 to 256V (50/60Hz)				

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



PRODUCT INCLUDES

5050, 5060 & 5070

CATALOG NO.

One red, one blue and one black lead with integral 5kV rated hippo clips, one jumper lead for use with guard terminal, rechargeable battery, US 120V power cord, extra large classic tool bag and user manual.

DESCRIPTION



► PC RS-232 Cable Catalog #2119.45 (optional) DB9 F/F 6 ft null modem cable Catalog #2119.46 DB9 F/F 6 ft cable for serial printer included with Models 5060 & 5070 ► DataView Software® Included with Models 5060 & 5070



Megohmmeter Model 5050 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 500V, 1000V, 2500V, 5000V, Auto DAR/PI/DD) 2130.20 Megohmmeter Model 5060 (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 500V, 1000V, 2500V, 5000V Auto DAR/PI/DD, RS-232 w/DataView® software) 2130.21

## DataView® Data Analysis and Reporting Software for Megohmmeters

## Configure all functions of the Megohmmeter Models 1060, 5060, 5070, 6550 & 6555

- Print reports of all test results
- Select test voltage and run tests from your computer with a simple click and execute process
- Capture and display data in real-time
- Retrieve data from the instrument's memory:
  - Over 1500 insulation resistance measurements
  - Over 4000 resistance measurements
- Display DAR and PI ratios
- Plot graphs of manual and timed tests
- Include your analysis comments section with the report
- Store a library of setups for different applications
- Certification of results through report generation
- Free updates are available on our website www.aemc.com

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Clear and easy setup from one dialog box for Model 5060.



Four tabbed dialog boxes allow for clear and easy setup of all functions of the Model 5070, including setup for variable voltage and alarm set points, as well as step voltage tests and temperature compensation.

One button operation starts test and	File New Instrument Database Pers			×	
graphs results Test voltage	Text Operation     Set       1000 V     Cite Display       2500 V     Cite Display       5000 V     Seres to Dak       5000 V     Configure	1-100 0 990-0 Z 880-0 Z		2540.0 254.0 208.0	Insulation resistance during the test run
selection	VerV Toertoot VerV VerFano T VerFano T VerFano T VerV VerFano VerV	770-0 E		182.0 156.0 139.9	
Test result status box	Expend time 6.02 mult Tert voltage 349.4 V Test summer 249.3 n.A. Pestatinene 1016.4 D1tm Retrief at 40 °C 112.1 M GRes DAR: 0.2516 30.R voltar 150.3 D1tm SD-R voltar 150.3 D1tm	550.0 Z- 440.0 Z 330.0 Z 220.0 Z		104.0	Step voltage during the test run
	Pic 1000 R value: 1808 M Oten 1800 R value:	200.0 #	5:01 (m:#) 1 Min/0av	26.00 0.030 Vaizz	Insulation resistance with temperature compensation

Run test and display text and graphical results from one dialog box. Model 5070 also displays step voltage.

