



FEATURES

- True Megohmmeter®
- Test voltage combinations of 50V, 100V, 250V, 500V and 1000V
- Insulation measurements to 4000G ohm (4T ohm)
- Direct measurement of DAR and PI values
- Direct measurement of sample Capacitance
- Display of test voltage and run time
- Programmable test run times and PI times
- Smooth and Alarm functions
- Automatic test inhibition (if live sample >25V)
- Automatic discharge after use with voltage display
- Large dual display with time, voltage and measurement
- Bright blue electroluminescent backlight
- Battery powered
- Auto power-down when not in use
- Remote operation with optional test probe
- Rugged dual wall field case with detachable lead/accessory pouch
- EN 61010-1, 600V Cat III, IEC 61557 and CE rated

AE213003 includes the following additional features

- AC rechargeable NiMH batteries
- RS232 interface for direct printing of results (serial output)
- 128k memory to store measurements in specific files



- Remote operation of megohmmeter through PC
- Includes software to configure instrument and generate report

DataView® Lite Software for Model 213003

- Configure all functions of the Megohmmeter Model AE213003
- Print reports of all test results
- Select test voltage and run tests from your computer with a simple click and execute process
- Retrieve 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

AE213001

Includes detachable accessory pouch (one red, one blue test lead, one black shielded lead, three color-coded (black, red and blue) alligator clips, one black test probe), batteries, spare fuses and user manual.

AE213003

Includes detachable accessory pouch (one red, one blue test lead, one black shielded lead, three color-coded (black, red and blue) alligator clips, one black test probe), one 6 ft RS232 DB0/DB25 F/F cable, rechargeable battery, DataView® Lite software, US 120V power cord, spare fuses and user manual.

SPECIFICATIONS

Model	AE213001	AE213003
Insulation Tests		
Test Voltage	50V 100V 250V 500V 1000V	0.002MΩ to 200GΩ 0.004MΩ to 400GΩ 0.01MΩ to 1000GΩ (1TΩ) 0.02MΩ to 2000GΩ (2TΩ) 0.04MΩ to 4000GΩ (4TΩ)
Accuracy	2kΩ to 40GΩ 400GΩ to 4TΩ	±5% Reading ± 3cts ±5% Reading ± 10cts
Voltage Test/Safety Check	0 to 1000Vac/dc	



Voltage Warning Indicator	>25V	
Test Inhibition	Yes >25V	
Resistance Tests		
Measurement Range	0.01Ω to 400kΩ	
Test Voltage	12.4Vdc max	
Accuracy	±3% Reading ± 3cts	
Continuity Tests		
Measurement Range	0.01Ω to 39.99Ω	
Test Current	≥200mA from 0.01 to 20.00Ω	
Accuracy	±3% Reading ± 4cts	
Other Features		
Smooth Function	Yes	Yes
Memory of Reading over Time R(t)	Yes (20 Readings)	Yes (128k memory)
Report Print Out on Printer	No	Yes – Format Preset
Memory of Test Results	No	128kB memory with
in Files		RS-232
Bi-directional Software	No	Yes (included)
Power Source	8 x 1.5V C Cells	NiMH Batteries 85 to 256V (50/60Hz)

CAT NO.	MODEL	DESCRIPTION
AE213001	1050	Megohmmeter (Digital, with Analog Bargraph, Backlight, Alarm, Timer, 50V, 100V, 250V, 500V, 1000V with Analog Bargraph) Includes attached accessory pouch (1 red, 1 blue test lead, 1 black shielded lead; 3 color-coded alligator clips; 1 black test probe) batteries, user manual and warranty card.
AE213003	1060	Megohmmeter (Digital, with Analog Bargraph, Alarm, Timer, 50V, 100V, 250V, 500V, 1000V, Auto DAR/PI, 128kB Memory)

สนใจติดต่อ บริษัท เอเม็ท จำกัด 11/13 หมู่ 5 ถ.สุขนครสวัสดิ์ แขวงลาดพร้าว เขตลาดพร้าว กทม. 10230

โทร.02-9079421-2 , 02-9077480-3, แฟกซ์ : 02-9079878 , Email : sales@amet.net , Web: www.amet.net



Includes attached accessory pouch (1 red, 1 blue test lead, 1 black shielded lead; 3 color-coded alligator clips; 1 black test probe; 1 6-ft RS-232 DB9/DB25 F/F to DB9/DB25 F/F cable) AC supplied with rechargeable battery, software, US 120V power cord, user manual and warranty card.