

MEGOHMMETERS

DIGITAL/ANALOG & MULTI-FUNCTION HANDHELD

MODELS 6522, 6526, 6534 & 6536

6522 & 6526 - ideal for testing cables, small motors, pumps, transformers and industrial equipment

6534 - ideal for insulation measurements on communication cables, Ethernet cables and other low voltage DC wiring

6536 - ideal for special applications in the aerospace and defense sectors and for ESD testing where specific test voltages are required



6522

6526

SPECIFICATIONS

MODELS	6522	6526	6534	6536
INSULATION TESTS				
Test Voltages	(250, 500, and 1000) V	(50, 100, 250, 500, and 1000) V	(10, 25, 100, 250, and 500) V	Variable (10 to 100) V (1 V steps)
Insulation Resistance	40 GΩ (40,000 MΩ)	200 GΩ (200,000 MΩ)	50 GΩ (50,000 MΩ)	20 GΩ (20,000 MΩ)
PI/DAR Ratios	No	Yes	No	
Test Lock	Yes			
Timer	(0 to 40) min			
Auto Discharge	Yes			
Automatic Test Inhibit	> 25 V			
DMM FUNCTIONS				
Voltage	700 VAC/DC			
Resistance	—	1000 kΩ		
Continuity	10 Ω	10 Ω, 100 Ω		
Test Current	200 mA			
Capacitance Measurement	—	0.1 n to 10 μF	—	
Frequency	—	(15.3 to 800) Hz	—	
GENERAL FUNCTIONS				
Alarm / Δ Rel	No/No	Yes / Yes		
Auto Power OFF	Yes			
Data Hold				
Test Lead Compensation				
Remote Probe	Yes (optional)			
Memory	—	1300 measurements	—	
Bluetooth	—	2.1 Class II	—	
DataView® Software	—	Included	—	
Display Type	Digital w/Analog Bargraph			
Display Counts	4000			
Backlight	Yes			
Power Supply	(6) AA Alkaline			
Magnetic Mount	Yes			
SAFETY				
Safety Rating	600 V CAT IV			

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6534



6536



DataView®
6526 & 6534 (only)



CATALOG NO.	DESCRIPTION
2155.51	Megohmmeter Model 6522 (Digital w/Analog Bargraph, 250 V, 500 V, 1000 V, Continuity, V)
2155.53	Megohmmeter Model 6526 (Digital w/Analog Bargraph, Alarm, 50 V, 100 V, 250 V, 500 V, 1000 V, Ohm, Continuity, V, kΩ, Capacitance, Memory, Bluetooth w/DataView® software)
2155.55	Megohmmeter Model 6534 (Digital w/Analog Bargraph, Alarm, 10 V, 25 V, 100 V, 250 V, 500 V, Ohm, Continuity, V, kΩ, Memory, Bluetooth w/DataView® software)
2155.56	Megohmmeter Model 6536 (Digital w/Analog Bargraph, Alarm, Variable (10 to 100) V, Ohm, Continuity, V, kΩ)
2155.57	Megohmmeter Model 6536 ESD Floor Kit (Meter, set of (2) 5 lb weights and carrying case)



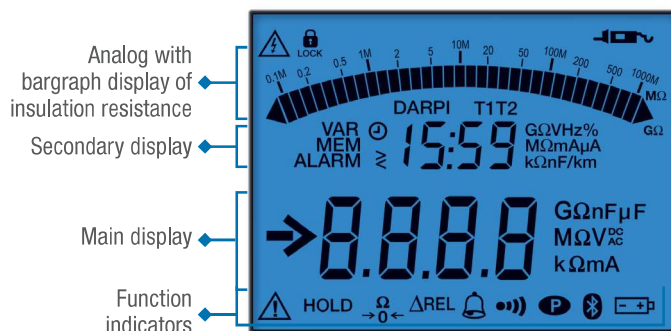
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MEGOHMMETERS

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MODELS 6522, 6526, 6534 & 6536

FRONT PANEL & FUNCTIONAL DISPLAYS



PRODUCT INCLUDES

6522

Soft carrying case, (2) 5 ft color-coded (red/black) leads, (2) color-coded (red/black) alligator clips, (1) black test probe, (6) AA batteries and user manual.

6526

Soft carrying case, (2) 5 ft color-coded (red/black) leads, (2) color-coded (red/black) alligator clips, (1) black test probe, (6) AA batteries, quick start guide, USB stick with DataView® software and user manual.

6534

Soft carrying case, (2) 5 ft color-coded (red/black) leads, (2) color-coded (red/black) alligator clips, (1) black test probe, (2) color-coded (red/black) grip probes, (6) AA batteries, quick start guide, USB stick with DataView® software and user manual.

6536

Soft carrying case, (2) 5 ft color-coded (red/black) leads, (2) color-coded (red/black) alligator clips, (1) black test probe, (2) color-coded (red/black) grip probes, (6) AA batteries, and user manual.

6536 ESD FLOOR KIT

Field case, (2) 5 ft color-coded (red/black) leads, (2) color-coded (red/black) alligator clips, (1) black test probe, (2) color-coded (red/black) grip probes, (2) 5 lb weights with conductive rubber bottom pad, (2) 4 mm non-insulated adapters, (6) AA batteries, and user manual.

SHOWN: 6526



DataView®
6526, 6532 & 6534

FEATURES*

- True Megohmmeter®
- Test voltage from (10 to 1000) V
- Insulation resistance up to 200 GΩ
- Manual, Lock, Timer modes & PI/DAR Ratio calculations
- Alarms with Green/Red Pass/Fail indicator light
- 200 mA/20 mA continuity with active protection without fuses
- Measurement of V (TRMS & DC), F, Ω, kΩ, Hz, C
- ΔRel mode for comparison measurements
- Configurable alarms
- Data retrieval
- Automatic discharge after test
- Automatic test inhibit if device under test is energized > 25 V

* Features are model dependent. Bluetooth on selected models.

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
6503	2126.52	250 V 500 V 1000 V	(1 to 500) MΩ (1 to 500) MΩ (10 to 5000) MΩ	—			600 V _{AC}	Hand-cranked	Analog	No
6522	2155.51	250 V 500 V 1000 V	50 kΩ to 10 GΩ 100 kΩ to 20 GΩ 200 kΩ to 40 GΩ	—	10 Ω	—	700 V _{AC/DC}	(6) AA Alkaline Batteries	Digital/ Analog	No
6527	2126.53	250 V 500 V 1000 V	1 kΩ to 4 GΩ 1 kΩ to 4 GΩ 1 kΩ to 4 GΩ	400 kΩ	400 Ω	—	600 V _{AC} 1000 V _{DC}	(6) AA Alkaline Batteries	Digital/ Analog	No
6529	2126.55	50 V 100 V 250 V 500 V 1000 V	(0.010 to 420) MΩ (0.020 to 420) MΩ (0.050 to 420) MΩ (0.100 to 4200) MΩ 0.20 MΩ to 11 GΩ	(0 to 420) kΩ	(0 to 40) Ω (200 mA test current ≤ 2 Ω)	—	700 V _{AC} 700 V _{AC/DC}	(6) AA Alkaline Batteries	Digital	No
6526	2155.53	50 V 100 V 250 V 500 V 1000 V	10 kΩ to 10 GΩ 20 kΩ to 20 GΩ 50 kΩ to 50 GΩ 100 kΩ to 100 GΩ 200 kΩ to 200 GΩ	1000 kΩ	10 Ω, 100 Ω	0.1 n to 10 μF	700 V _{AC/DC}	(6) AA Alkaline Batteries	Digital/ Analog	Yes
6534	2155.55	10 V 25 V 100 V 250 V 500 V	2 kΩ to 1 GΩ 5 kΩ to 2 GΩ 10 kΩ to 10 GΩ 50 kΩ to 25 GΩ 100 kΩ to 50 GΩ	1000 kΩ	10 Ω, 100 Ω	—	700 V _{AC/DC}	(6) AA Alkaline Batteries	Digital/ Analog	Yes
6536	2155.56	10 V 100 V	2 kΩ to 20 GΩ	1000 kΩ	10 Ω, 100 Ω	—	700 V _{AC/DC}	(6) AA Alkaline Batteries	Digital/ Analog	No
6536 ESD Floor Kit	2155.57	(variable in 1 V steps)								
1060	2130.03	50 V 100 V 250 V 500 V 1000 V	2 kΩ to 200 GΩ 4 kΩ to 400 GΩ 10 kΩ to 1 TΩ 20 kΩ to 2 TΩ 40 kΩ to 4 TΩ	400 kΩ	40 Ω	(0.005 to 4.999) μF	1000 V _{AC/DC}	Rechargeable NiMH Battery	Digital/ Analog	Yes
6505	2130.18	500 V 1000 V 2500 V 5000 V	10 kΩ to 2 TΩ 10 kΩ to 4 TΩ 10 kΩ to 10 TΩ 10 kΩ to 10 TΩ	—		(0.001 to 49.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Digital/ Analog	No
5050	2130.20	500 V 1000 V 2500 V 5000 V	10 kΩ to 2 TΩ 10 kΩ to 4 TΩ 10 kΩ to 10 TΩ 10 kΩ to 10 TΩ	—		(0.001 to 49.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Digital/ Analog	No
5060	2130.21	500 V 1000 V 2500 V 5000 V	10 kΩ to 2 TΩ 10 kΩ to 4 TΩ 10 kΩ to 10 TΩ 10 kΩ to 10 TΩ	—		(0.001 to 49.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Digital/ Analog	Yes
5070	2130.30	500 V 1000 V 2500 V 5000 V	10 kΩ to 2 TΩ 10 kΩ to 4 TΩ 10 kΩ to 10 TΩ 10 kΩ to 10 TΩ	—		(0.001 to 49.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Graphic/ Digital	Yes
6550	2130.31	500 V 1000 V 2500 V 5000 V 10,000 V	10 kΩ to 2000 GΩ 10 kΩ to 4000 GΩ 10 kΩ to 10,000 GΩ 10 kΩ to 15,000 GΩ 10 kΩ to 25,000 GΩ	—		(0.001 to 19.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Digital/ Analog	Yes
6555	2130.32	500 V 1000 V 2500 V 5000 V 10,000 V 15,000 V	10 kΩ to 2000 GΩ 10 kΩ to 4000 GΩ 10 kΩ to 10,000 GΩ 10 kΩ to 15,000 GΩ 10 kΩ to 25,000 GΩ 10 kΩ to 30,000 GΩ	—		(0.001 to 19.99) μF	2500 V _{AC} 4000 V _{DC}	Rechargeable NiMH Battery	Digital/ Analog	Yes

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