

# MEGOHMMETERS

## DIGITAL/ANALOG & MULTI-FUNCTION HAND-HELD



(6526 & 6534 only)

### 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



6534

6536



**DataView®**  
(6526 & 6534 only)



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MODELS	6522	6526	6534	6536
<b>INSULATION TESTS</b>				
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	
<b>DMM FUNCTIONS</b>				
Voltage			700 V <sub>AC/DC</sub>	
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		–
<b>GENERAL FUNCTIONS</b>				
Alarm / Δ Rel	No / No		Yes / Yes	
Auto Power OFF			Yes	
Data Hold			Yes	
Test Lead Compensation			Yes	
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	
<b>SAFETY</b>				
Safety Rating			600 V CAT IV	

Consult factory for NIST Calibration prices.

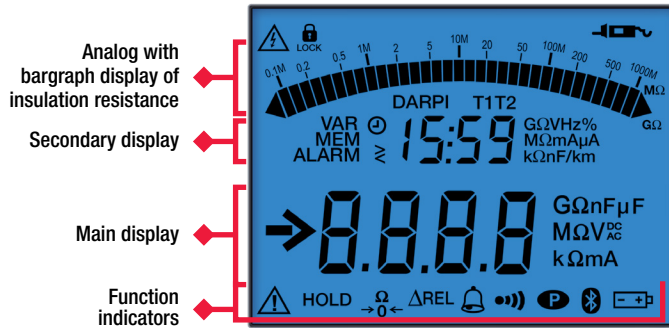
CAT. #	DESCRIPTION
2155.51	Megohmmeter Model 6522 (Digital w/Analog Bargraph, (250, 500, 1000) V, Continuity, V)
2155.53	Megohmmeter Model 6526 (Digital w/Analog Bargraph, Alarm, (50, 100, 250, 500, 1000) V, Ohm, Continuity, V, kΩ, Capacitance, Memory, Bluetooth® w/DataView® software)
2155.55	Megohmmeter Model 6534 (Digital w/Analog Bargraph, Alarm, (10, 25, 100, 250, 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)



# MEGOHMMETERS

DIGITAL/ANALOG & MULTI-FUNCTION HAND-HELD  
MODELS 6522, 6526, 6534 & 6536

## PANELS & FUNCTIONAL DISPLAYS



Analog with bargraph display of insulation resistance

Secondary display

Main display

Function indicators

### TOP PANEL



### FRONT PANEL



#### Navigation Buttons:

- Display instrument information
- Turn buzzer ON/OFF
- Turn power save ON/OFF
- Program test time
- Select displayed parameters
- Program alarm set points

#### Secondary Function:

- Hold
- Data storage

Blue backlit LCD

Access to instrument information & set up/Timer activation

Test lead resistance compensation/Backlight

ΔREL set and compare multimeter measurements to a reference value

TEST button

Test function selection switch

Alarm Activation/Deactivation

Memory recall/Bluetooth® activation

## 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, (2) color-coded (red/black) grip probes, (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 drive 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 drive 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



## 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
- (20 or 200) 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	CAT. #	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 <sub>AC</sub>	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 <sub>AC/DC</sub>	(6) AA Alkaline Batteries	Digital / Analog	No
6527	2126.53	250 V 500 V 1000 V	1 kΩ to 4 GΩ	400 kΩ	400 Ω	–	600 V <sub>AC</sub> 1000 V <sub>DC</sub>	(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 <sub>AC</sub> 700 V <sub>AC/DC</sub>	(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, 100) Ω	0.1 n to 10 μF	700 V <sub>AC/DC</sub>	(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, 100) Ω	–	700 V <sub>AC/DC</sub>	(6) AA Alkaline Batteries	Digital / Analog	Yes
6536	2155.56	10 V 100 V	2 kΩ to 20 GΩ	1000 kΩ	(10, 100) Ω	–	700 V <sub>AC/DC</sub>	(6) AA Alkaline Batteries	Digital / Analog	No
6536 ESD Floor Kit	2155.57	10 V 100 V (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 <sub>AC/DC</sub>	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 <sub>AC</sub> 4000 V <sub>DC</sub>	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 <sub>AC</sub> 4000 V <sub>DC</sub>	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 <sub>AC</sub> 4000 V <sub>DC</sub>	Rechargeable NiMH Battery	Digital / Analog	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 <sub>AC</sub> 4000 V <sub>DC</sub>	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 <sub>AC</sub> 4000 V <sub>DC</sub>	Rechargeable NiMH Battery	Digital / Analog	Yes

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