

### MODEL 6505

*Contributes to the safety of electrical installations and equipment*



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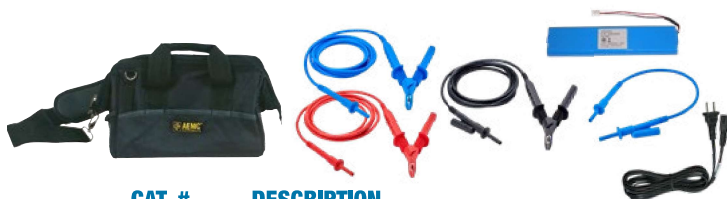
**TRUE MegOhmmeter®**

### FEATURES

- True Megohmmeter®
- Simple operation
- Test voltage selections of (500, 1000, 2500 and 5000) V
- Insulation measurements from 10 kΩ to 10,000 GΩ (10 TΩ)
- Adjustable and programmable test voltage (40 to 5100) V
- Automatic calculation of DAR and PI values
- Direct measurement and display of capacitance and leakage current
- Display resistance, test voltage and run time
- Programmable PI ratio times
- Automatic test inhibition (if live sample > 40 % of test voltage)
- Automatic discharge and display of discharge voltage
- Large backlight LCD dual-display with time, voltage and measurements shown
- Rugged, dual wall, water-resistant field case
- Designed and built to IEC safety standards

### PRODUCT INCLUDES

Extra large classic tool bag, set of (3) 10 ft color-coded leads with clips (5000 V) (red/black/blue), (1) blue guard terminal jumper lead, fuse 0.1 A 380 V, rechargeable battery pack (installed), US 115 V power cord, and user manual.



**CAT. # DESCRIPTION**

2130.18 Megohmmeter Model 6505 (Digital, with Analog Bargraph, Backlight, (500, 1000, 2500, 5000) V, Auto DAR/PI)

MODEL	6505
INSULATION TESTS	
Test Voltage / Range	500 V 10 kΩ to 2000 GΩ (2 TΩ) 1000 V 10 kΩ to 4000 GΩ (4 TΩ) 2500 V 10 kΩ to 10,000 GΩ (10 TΩ) 5000 V 10 kΩ to 10,000 GΩ (10 TΩ)
User Programmable Test	(40 to 1000) V: 10 V increments (1000 to 5100) V: 100 V increments
Short Circuit Current	< 1.6 mA ± 5 %
Accuracy	10 kΩ to 399.9 GΩ ± 5 % of Reading ± 3 cts 400 GΩ to 10 TΩ ± 15 % of Reading ± 10 cts
DAR (1 min / 30 s)	0.02 to 50.00
PI (10 min / 1 min & User Programmable)	0.02 to 50.00
Capacitance Measurement	(0.001 to 49.99) μF; Max resolution 1 nF
Leakage Current Measurement	0.00 nA to 3 mA; Max resolution 1 pA
Programmable PI Ratio Times	(1 to 60) min
Discharge After Test	Yes, automatic
Discharge Voltage Display	Yes
Voltage Test / Safety Check	2500 V <sub>AC</sub> / 4000 V <sub>DC</sub> (16 to 42) Hz / 1 V Resolution
Voltage Warning Indicator	Yes > 25 V
Test Inhibition	> 40 % of test voltage
Guard Terminal	Yes
ELECTRICAL	
Power Supply	(1) 9.6 V NiMH battery pack (included); Line power: (85 to 256) V <sub>AC</sub> (50 / 60) Hz
SAFETY	
Safety Rating	EN 61010-1, 1000 V CAT III

Consult factory for NIST Calibration prices.

### ACCESSORIES/REPLACEMENTS

- CAT. #2133.73** Extra Large Tool Bag
- CAT. #2960.21** 9.6 V rechargeable NiMH battery pack
- CAT. #2151.30** Lead – Replacement Set of 3, 10 ft 5kV w/ integral clips
- CAT. #2151.31** Lead-Replacement 1 ft 5kV blue jumper lead
- CAT. #2151.32** Lead – Set of 3, 25 ft 5kV w/ integral Clips
- CAT. #2151.33** Lead – Set of (3), 45 ft (5 kV) w/ integral clips
- CAT. #2119.84** Fuse – Set of (3), 0.1 A, 380 V, 5 x 20, 10 kA
- CAT. #5000.14** Power Cord 115 V US Plug