

Micro-Ohmmeter Model 6292



Cat. #2129.83

200A, includes DataView[®] Software

Microprocessor-controlled tester measures resistance up to 1Ω with a resolution of 0.1μΩ, using test currents up to 200A. Features optimized filters and protection for measurements in electrical substations. Designed for measuring very low contact resistances of high voltage circuit breakers, switches, busbars, and other units. Includes DataView[®] for configuring the instrument, downloading data, and generating reports.

ELECTRICAL		
Test Current Range	5 to 200A (True DC)	
Resistance Range	0.1μΩ to 2mΩ 2 to 200mΩ 200mΩ to 1Ω	
Accuracy	± 1% of reading from 50μΩ to 1Ω	
Resolution	0.1μΩ to 2mΩ 2 to 200mΩ 200mΩ to 1Ω	0.1μΩ (50 to 200A) 10μΩ (25A at 200mΩ) 1mΩ (5A at 1Ω)
Output Voltage	100VAC: 4.2V @ 200A 220VAC: 8.6V @ 200A	
Max. Load Resistance	100VAC: 20mΩ @ 200A 220VAC: 42mΩ @ 200A	
Measurement Method	Four-terminal, Kelvin-type	
Test Mode	Normal or both sides grounded (BSG)*	
Adjustable Test Time	Unlimited for test currents of 100A or less; 5 to 120 seconds for test currents above 100A	
Memory	Stores up to 8000 measurements	
Automatic Storage Of Test Results	Yes	
Interface	USB 2.0, supplied with DataView [®] software for download and reporting	
Power Supply	100 to 240VAC, 50/60Hz	
MECHANICAL		
Dimensions	19.8 x 15.5 x 7.5" (502 x 394 x 190mm)	
Weight	24.25 lbs (11 kg) approx	
ENVIRONMENTAL		

For more details, download the datasheet or user manual at www.aemc.com

Operating Temperature	32° to 122°F (0° to 50°C)
Storage Temperature	14° to 158°F (-10° to 70°C)
Humidity	95% RH (non-condensing)
SAFETY	
Environmental Protection	IP 54 with cover closed
Safety Rating	IEC61010-1



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