

MICRO-OHMMETERS

200 A

MODEL 6292

Programmable test currents and test duration with data storage and report generation using included application software

Includes both sides grounded test feature



Case color may vary



DataView®

SPECIFICATIONS

MODEL	6292
Electrical	
Test Current Range	Adjustable from (5 to 200) A (True DC)
Resistance Range	0.1 $\mu\Omega$ to 2 m Ω (2 to 200) m Ω 200 m Ω to 1 Ω
Accuracy	$\pm 1\%$ of reading from 50 $\mu\Omega$ to 1 Ω
Resolution	
0.1 $\mu\Omega$ to 2 m Ω	0.1 $\mu\Omega$ (5 to 200) A
2 m Ω to 200 m Ω	10 $\mu\Omega$ (25 A @ 200 m Ω)
200 m Ω to 1 Ω	1 m Ω (5 A @ 1 Ω)
Output Voltage	100 VAC: 4.2 V @ 200 A 220 VAC: 8.6 V @ 200 A
Max. Load Resistance	100 VAC: 20 m Ω @ 200 A 220 VAC: 42 m Ω @ 200 A
Measurement Method	Four-terminal, Kelvin-type
Adjustable Test Time	5 to 120 s or unlimited
Memory	Stores up to 8000 measurements
Power Supply	(100 to 240) VAC, (50/60) Hz



cover closed

FEATURES

- Adjustable test currents from (5 to 200) A
- Programmable test duration from (5 to 120) seconds
- BSG Ground Test with optional current probe
- Incorporates True DC high output with minimum, near zero, ripple lower than 2 % of full range
- Accurately measures low contact resistance with test currents up to 200 A
- Measures resistances from 0.1 $\mu\Omega$ to 1 Ω
- Low resolution of 0.1 $\mu\Omega$
- Cooling system to improve the number of sequential tests that can be performed
- Backlit display
- Measures objects with both sides grounded
- Stores up to 8000 test results
- Direct printout of measurement results using DataView® software and a PC
- Rugged and water-resistant case

Consult factory for NIST Calibration prices

ACCESSORIES/REPLACEMENTS

CATALOG #2129.86

Current Probe MR6292

CATALOG #2129.72

Lead - Set of (2) 25 ft Kelvin clips (200 A - Hippo)

CATALOG #2129.73

Lead - Set of (2) 50 ft Kelvin clips (200 A - Hippo)

CATALOG #2129.88

Lead - 10 ft Earth/Ground (Green) with attached Clamp

CATALOG #5000.40

110 V US Power Cord



PROBE MR6292

PRODUCT INCLUDES

Extra large tool bag, set of (2) 25 ft Kelvin clips (200 A - Hippo), (1) ground lead (green) with clamp, 5 ft USB cable, 110 V US power cord, printed quick start guide and a USB thumb drive with DataView® software and user manual.



FRONT PANEL DISPLAY

Test Results	R = 100.0 $\mu\Omega$	
Test Current	$I_t = 142A$	$I_g = 8.0A$ (Ground Current)
Date & Time	DURATION: 015 / 060s	(Elapsed and Total Test Times)
	02/10/13	10:25 AM

CATALOG NO.	DESCRIPTION
2129.83	Micro-Ohmmeter Model 6292 (200 A, 120 V/230 V, DataView® Software)