

MICRO-OHMMETERS

200 A



cover closed

MODEL 6292

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



Case color may vary



MODEL	6292
ELECTRICAL	
Test Current Range	Adjustable from (5 to 200) A (<i>True DC</i>)
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 $\mu\Omega$ (5 to 200) A (2 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 V _{AC} : 4.2 V @ 200 A 220 V _{AC} : 8.6 V @ 200 A
Max. Load Resistance	100 V _{AC} : 20 m Ω @ 200 A 220 V _{AC} : 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) V _{AC} , (50 / 60) Hz

Consult factory for NIST Calibration prices.

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

ACCESSORIES/REPLACEMENTS

CAT. #2129.86

Current Probe MR6292

CAT. #2129.72

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

CAT. #2129.73

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

CAT. #2129.88

Lead - 10 ft earth/ground (*Green*) with attached clamp

CAT. #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 drive with DataView® software and user manual.



FRONT PANEL DISPLAY

Test Results	← R= 100.0 $\mu\Omega$	
Test Current	← It = 142A	← Ig = 8.0A
	DURATION: 015 / 060s	← Elapsed and Total Test Times
Date & Time	← 02/10/13	← 10:25 AM

CAT. #	DESCRIPTION
2129.83	Micro-Ohmmeter Model 6292 (200 A, (120/230) V, DataView® Software)