

# MICRO-OHMMETERS

## 200A

### 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

### SPECIFICATIONS

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



**DataView®**

### FEATURES

- Adjustable test currents from 5 to 200A
- Programmable test duration from 5 to 120 sec
- 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 200A
- Measures resistances from 0.1 $\mu\Omega$  to 1 $\Omega$
- 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

#### CATALOG #2129.86

Current Probe MR6292

#### CATALOG #2129.72

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

#### CATALOG #2129.73

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

#### CATALOG #2129.88

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

#### CATALOG #5000.40

110V US Power Cord



PROBE MR6292

### PRODUCT INCLUDES

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



### FRONT PANEL DISPLAY

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

Ground Current

Elapsed and Total Test Times

### CATALOG NO. DESCRIPTION

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