

# MICRO-OHMMETERS

## 200A Digital

### Model 6292

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



#### ► SPECIFICATIONS

MODEL	6292
<b>ELECTRICAL</b>	
Test Current Range	Programmable 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 $\mu\Omega$ 2 to 200m $\Omega$ < 10 $\mu\Omega$ 200m $\Omega$ to 1 $\Omega$ < 1m $\Omega$
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



cover closed

#### ► FEATURES

- Programmable test currents from 5 to 200A
- Programmable test duration from 5 to 120 sec
- BSG Ground Test with optional current probe
- 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, light-weight and water-resistant case

Test results — R=100.0 $\mu\Omega$   
 Test current — It=142A Ig=8.0A — Ground current  
 TIME: 015/060s — Elapsed and total test times  
 Date & time — 02/10/13 10:25

#### ► PRODUCT INCLUDES

Set of 20 ft Kelvin test leads w/C clamp, ground lead (green) with clamp, 5 ft USB cable, 110V US power cord and 12A fuse (5x20mm)

#### USB Stick

Quick start user guide, and USB stick supplied with DataView® software and user manual



#### ► ACCESSORIES

► Current Probe Model MR6292  
 Catalog #2129.86 (optional)



CATALOG NO.	DESCRIPTION
2129.83	Micro-Ohmmeter Model 6292 (200A, manual and DataView® software)
<b>Accessories (Optional)</b>	
2129.86	Current Probe Model MR6292
2129.87	Lead – Set of 2, 50 ft., Color-coded Kelvin Leads w/C-clamp