

MICRO-OHMMETERS

10 A

MODEL 6255

Accurate results within 0.05 %

Provides extended test time at 10 Amps without overheating

SPECIFICATIONS

MODEL	6255						
Range	5.0000 mΩ	25.000 mΩ	250.00 mΩ	2500.0 mΩ	25.000 Ω	250.00 Ω	2500.0 Ω
Accuracy	± 0.15 % of Reading +1.0 μΩ	± 0.05 % of Reading + 3 μΩ	± 0.05 % of Reading + 30 μΩ	± 0.05 % of Reading + 0.3 mΩ	± 0.05 % of Reading + 3 mΩ	± 0.05 % of Reading + 30 mΩ	± 0.05 % of Reading + 300 mΩ
Resolution	0.1 μΩ	1 μΩ	10 μΩ	0.1 mΩ	1 mΩ	10 mΩ	100 mΩ
Test Current	10 A			1 A	100 mA	10 mA	1 mA
Measurement Mode	Selectable: Inductive (continuous test), Resistive (instantaneous test) or Auto (multiple tests)						
Metal Type Alpha	Selectable: copper, aluminum or other metal Programmable from 000.00 to 99.99						
Alarms	Two – programmable set points from (0.0 to 2500.0) Ω						
Memory	Stores up to 1500 test results; data in memory can be reviewed on the instrument display, on a PC or via direct printout						
Power Supply	Rechargeable 6 V, 8.5 A·h NiMH battery pack (included)						
Battery Life	Approximately 5000 10 A tests						

Consult factory for NIST Calibration prices

ACCESSORIES/REPLACEMENTS

CATALOG #1017.84 Kelvin Clips 10 ft (10 A - Hippo)

CATALOG #2118.70 Kelvin Clips 20 ft (10 A - Hippo)

CATALOG #2118.73

Kelvin Probes 10 ft (1 A, Spring Loaded)

CATALOG #2118.74

Kelvin Probes 20 ft (1 A, Spring Loaded)

CATALOG #2118.84

Kelvin Probes Pistol Grip 10 ft (25 A, Spring Loaded)

CATALOG #2118.85

Kelvin Probes Pistol Grip 20 ft (25 A, Spring Loaded)

CATALOG #2118.77

Kelvin Probes 10 ft (10 A, Spring Loaded)

CATALOG #2118.78

Kelvin Probes 20 ft (10 A, Spring Loaded)

CATALOG #2118.79

Kelvin Clips 10 ft (1-10 A) / Replacement for Cat. #2118.71

CATALOG #2118.80

Kelvin Clips 20 ft (1-10 A) / Replacement for Cat. #2118.72

CATALOG #2119.45

Cable, PC RS-232, DB9 F/F 6 ft Null Modem Cable

CATALOG #2129.95

RTD Temperature Probe (plug into faceplate for ambient temperature)

CATALOG #2129.96

RTD Temperature Probe with 7 ft extension cable



DataView®



cover open



FEATURES

- Measure from 1 μΩ (0.1 μΩ resolution) to 2500.0 Ω
- Test current selection of (1, 10, and 100) mA, and (1 and 10) A
- RTD temperature probe to check tested sample (optional)
- Selectable metal types
- Automatic and manual temperature correction
- Two programmable alarm set points

- Stores up to 1500 test results
- Selectable inductive or resistive test modes
- Automatic multiple test mode (multiple tests without pressing the test button)
- Large multi-line electroluminescent display
- Local or remote test setup and control
- Internal rechargeable batteries conduct up to 5000 – 10 A tests
- Rugged, double insulated watertight case
- Includes FREE DataView® software for data retrieval, real-time display, analysis and report generation

PRODUCT INCLUDES

Extra large tool bag, set of (2) 10 ft Kelvin Clips (10 A - Hippo), set of (2) 10 ft Kelvin Probes (1 A - Spring Loaded), RS-232 DB9 F/F 6 ft null modem cable, RS-232 to USB adapter, US 115 V power cord, NiMH rechargeable 6 V battery pack (installed in meter), quick start guide and a USB drive with DataView® software and user manual.

SHOWN: CAT. #2129.84



CATALOG NO. DESCRIPTION

2129.84 Micro-Ohmmeter Model 6255 (10 A, Instantaneous, Continuous, Multiple Test, Manual/Auto Temperature Compensation; includes 10 ft Kelvin Clips (10 A-Hippo, Cat #1017.84), 10 ft Kelvin Probes (1 A Spring Loaded, Cat #2118.73) and DataView® Software)

