MICRO-OHMMETERS
10A

AvionTEq
www.avionteq.com

MODEL 6255

Accurate results within 0.05%. Provides extended test time at 10 Amps without overheating

IP 64 — cover closed   IP 53 — cover open

50V CAT III SAFETY RATING

CE ☐

DataView®

AUTOMATIC REPORT GENERATION

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 +1.0µΩ	±0.05% of Reading + 3µΩ	±0.05% of Reading + 30µΩ	±0.05% of Reading + 0.3mΩ	±0.05% of Reading + 3mΩ	±0.05% of Reading + 30mΩ	±0.05% of Reading + 300mΩ
Resolution	0.1µΩ	1µΩ	10µΩ	0.1mΩ	1mΩ	10mΩ	100mΩ
Test Current	10A			1A	100mA	10mA	1mA
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 2500.0Ω						
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 Source	Rechargeable 6V, 8.5Ah NiMH battery pack (included)						
Battery Life	Approximately 5000 10A tests						

ACCESSORIES/REPLACEMENTS

CATALOG #1017.84 Kelvin Clips 10 ft (10A - Hippo)
CATALOG #2118.70 Kelvin Clips 20 ft (10A - Hippo)

CATALOG #2118.73
Kelvin Probes 10 ft (1A, Spring Loaded)

CATALOG #2118.74
Kelvin Probes 20 ft (1A, Spring Loaded)

CATALOG #2118.75
Kelvin Probes Pistol Grip 10 ft (10A, Spring Loaded)

CATALOG #2118.76
Kelvin Probes Pistol Grip 20 ft (10A, Spring Loaded)

CATALOG #2118.77
Kelvin Probes 10 ft (10A, Spring Loaded)

CATALOG #2118.78
Kelvin Probes 20 ft (10A, Spring Loaded)

CATALOG #2118.79
Kelvin Clips 10 ft (1-10A) / Replacement for Cat. #2118.71

CATALOG #2118.80
Kelvin Clips 20 ft (1-10A) / Replacement for Cat. #2118.72

CATALOG #2118.82
Kelvin Clips 10 ft (1-10A)

CATALOG #2119.45
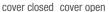Cable, PC RS-232, DB9 F/F 6 ft Null Modem Cable

CATALOG #2129.95
RTD Temperature Probe (plug into faceplate for ambient temperature)

CATALOG #2129.96
RTD Temperature Probe with 7 ft extension cable

FEATURES

- Measure from 1µΩ (0.1µΩ resolution) to 2500.0Ω
- Test current selection of 1mA, 10mA, 100mA, 1A and 10A
- 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 – 10A 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, RS-232 DB9 F/F 6ft null modem cable, RS-232 to USB adapter, US 115V power cord, NiMH rechargeable battery pack, Quick Start Guide, and a USB thumb drive supplied with a user manual and DataView® software.

CATALOG NO.	DESCRIPTION
2129.84	Micro-Ohmmeter Model 6255 (10A, Instantaneous, Continuous, Multiple Test, Manual/Auto Temperature Compensation; includes 10 ft Kelvin Clips (10A-Hippo, Cat #1017.84), 10 ft Kelvin Probes (1A Spring Loaded, Cat #2118.73) and DataView® Software)
2131.03	Micro-Ohmmeter Model 6255 (10A, Instantaneous, Continuous, Multiple Test, Manual/Auto Temperature Compensation, and DataView® Software)

AEMC® INSTRUMENTS   Technical Assistance (800) 343-1391   www.aemc.com