Special product features

0.15% ACCURACY

STORES 1500 TESTS

TEMPERATURE CORRECTION

Model 6255

Accurate results within 0.05%

▶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	10A	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						

▶FEATURES

SAFETY 50V CAT III RATING

IP 65 Rated *cover closed*

AUTOMATIC REPORT GENERATION

- **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 waterproof case**
- **Includes RS-232 to USB 2.0 cable and AC line cord**
- **Includes FREE DataView® software for data storage, real-time display, analysis and report generation**

▶ACCESSORIES

Kelvin clips, set of two

Catalog #1017.84 (included)
(10A – Hippo) 10ft
Catalog #2118.70 (optional)
(10A – Hippo) 20ft

Kelvin clips, set of two (optional)

Catalog #2118.79
(1-10A) 10ft
Catalog #2118.80
(1-10A) 20ft

Kelvin probes, set of two (optional)

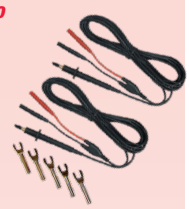
Catalog #2118.77
(10A – spring loaded) 10ft
Catalog #2118.78
(10A – spring loaded) 20ft

Kelvin probes pistol grip, set of two (optional)

Catalog #2118.75
(10A – spring loaded) 10ft
Catalog #2118.76
(10A – spring loaded) 20ft

Kelvin probes, set of two (optional)

Catalog #2118.73
(1A – spring loaded) 10ft
Catalog #2118.74
(1A – spring loaded) 20ft



RTD Temperature Probe (optional for Model 6255 only)

Catalog #2129.95
RTD probe plugs into faceplate

Catalog #2129.96
RTD probe w/7ft extension cable

CATALOG NO.	DESCRIPTION
2129.84	Micro-Ohmmeter Model 6255 (10A)
Accessories (Optional)	
1017.84	Kelvin Clips 10ft (10A – Hippo)
2118.70	Kelvin Clips 20ft (10A – Hippo)
2118.73	Kelvin Probes 10ft (1A, Spring Loaded)
2118.74	Kelvin Probes 20ft (1A, Spring Loaded)
2118.75	Kelvin Probes Pistol Grip (10A – Spring Loaded), 10ft
2118.76	Kelvin Probes Pistol Grip (10A – Spring Loaded), 20ft
2118.77	Kelvin Probes (10A – Spring Loaded), 10ft
2118.78	Kelvin Probes (10A – Spring Loaded), 20ft
2118.79	Kelvin Clips 10ft (1-10A) Replacement for Cat #2118.71
2118.80	Kelvin Clips 20ft (1-10A) Replacement for Cat #2118.72
2119.45	Cable, PC RS-232, DB9 F/F 6ft Null Modem Cable
2129.95	RTD Temperature Probe (plug into faceplate for ambient temperature)
2129.96	RTD Temperature Probe with 7ft extension cable