# **MICRO-OHMMETERS** 10A



# **Model 6240**



Auto calculates resistance from 5μΩ to 400 $\Omega$  with resolutions down to  $1\mu\Omega$ 

## **►**SPECIFICATIONS



MODEL	6240					
Range	4000μΩ	$40 \text{m}\Omega$	400m $Ω$	$4000 \text{m}\Omega$	40Ω	400Ω
Accuracy	0.25% of Reading ± 2cts	0.25% of Reading ± 2cts	0.25% of Reading ± 2cts	0.25% of Reading ± 2cts	0.25% of Reading ± 2cts	0.25% of Reading ± 2cts
Resolution	1μΩ	10μΩ	$0.1 \text{m}\Omega$	$1 \text{m}\Omega$	10m $\Omega$	100m $\Omega$
Test Current	10A	1A	1A	100mA	10mA	10mA
Max. Inductive Load	0 to 5 H					
Memory	Stores up to 99 test results					
Power Source	Rechargeable 6V, 8.5Ah NiMH battery pack (included)					













## **►INCLUYE**

#### 6240 & 6250

Extra large tool bag, set of two 10 ft Kelvin clips (10A-Hippo), US 115V power cord, one pad of measurement results forms, two spare fuses (12.5A), NiMH rechargeable battery pack, and USB stick supplied with product user manual and DataView® software.





Optical USB Cable (Model 6240 only) Catalog #2135.41



RS-232 D89 F/F 6 ft Null Modem Cable (Model 6250 only) Catalog #2119.45

RS-232 to USB Adapter (Model 6250 only) Catalog #5000.60

## **▶ FEATURES**

- Reliable low resistance measurements from  $5\mu\Omega$  to  $400\Omega$
- Four-terminal Kelvin resistance measurement eliminates test lead resistance
- 10A test current up to  $4000\mu\Omega$
- 0.25% basic accuracy
- 1μ $\Omega$  resolution
- · Direct reading, easy to operate
- Six selectable resistance ranges
- Reverse polarity switch
- Overload and input fuse protection
- Manufactured to international safety and environmental standards
- Automatic decimal point and zeroing
- Large terminals accept banana plugs and spaded lugs
- Rechargeable NiMH battery with internal charger (110/220V)
- Large multifunctional backlit display
- Includes power cord and isolated USB cable
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation

CATALOG NO.	DESCRIPTION
2129.80	10A Micro-Ohmmeter Model 6240
Accessories (Optional)	
1017.84	Kelvin Clips 10 ft (10A – Hippo)
2118.70	Kelvin Clips 20 ft (10A – Hippo)
2118.73	Kelvin Probes 10 ft (1A, Spring Loaded)
2118.74	Kelvin Probes 20 ft (1A, Spring Loaded)
2118.75	Kelvin Probes Pistol Grip (10A – Spring Loaded), 10 ft
2118.76	Kelvin Probes Pistol Grip (10A – Spring Loaded), 20 ft
2118.77	Kelvin Probes (10A – Spring Loaded), 10 ft
2118.78	Kelvin Probes (10A – Spring Loaded), 20 ft
2118.79	Kelvin Clips 10 ft (1-10A) Replacement for Cat #2118.71
2118.80	Kelvin Clips 20 ft (1-10A) Replacement for Cat #2118.72



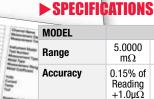
# **Model 6250**

# Accurate results within 0.05%













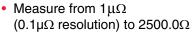




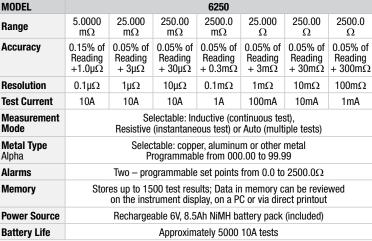








- Test current selection of 1mA, 10mA, 100mA, 1A and 10A
- RTD temperature probe to check tested sample (optional)
- Selectable metal types
- Automatic and manual temperature correction
- Two programmable alarm set points
- Stores up to 1500 test results
- Selectable inductive or resistive test modes
- 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 (MODELS 6240 & 6250)

### Kelvin clips, set of two

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



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



## Kelvin probes, set of two (optional)

Catalog #2118.77 (10A - spring loaded) 10 ft Catalog #2118.78

(10A - spring loaded) 20 ft

Kelvin probes pistol grip, set of two (optional)

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



### RTD Temperature Probe (optional for Model 6250 only) Catalog #2129.95

Kelvin probes, set of two

(1A - spring loaded) 10 ft

(1A - spring loaded) 20 ft

(optional)

Catalog #2118.73

Catalog #2118.74

RTD probe plugs into faceplate

Catalog #2129.96 RTD probe w/7 ft extension cable



#### **CATALOG NO. DESCRIPTION**

2129.81	10A Micro-Ohmmeter Model 6250
Accessories (Optional)	
1017.84	Kelvin Clips 10 ft (10A – Hippo)
2118.70	Kelvin Clips 20 ft (10A – Hippo)
2118.73	Kelvin Probes 10 ft (1A, Spring Loaded)
2118.74	Kelvin Probes 20 ft (1A, Spring Loaded)
2118.75	Kelvin Probes Pistol Grip (10A – Spring Loaded), 10 ft
2118.76	Kelvin Probes Pistol Grip (10A – Spring Loaded), 20 ft
2118.77	Kelvin Probes (10A – Spring Loaded), 10 ft
2118.78	Kelvin Probes (10A – Spring Loaded), 20 ft
2118.79	Kelvin Clips 10 ft (1-10A) Replacement for Cat #2118.71
2118.80	Kelvin Clips 20 ft (1-10A) Replacement for Cat #2118.72
2119.45	Cable, PC RS-232, DB9 F/F 6 ft Null Modem Cable
2129.95	RTD Temperature Probe (plug into faceplate for ambient temperature)
2129.96	RTD Temperature Probe with 7 ft extension cable

