# MICRO-OHMMETERS
## 10A

*Special product features* ▼

# Model 6250

## Accurate results within 0.05%

▶ **SPECIFICATIONS**

| MODEL | 6250 | | | | | | |
|---|---|---|---|---|---|---|---|
| **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**

*cover closed*

- 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 (MODELS 6240 & 6250)**

*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 6250 only)*
**Catalog #2129.95**
RTD probe plugs into faceplate
**Catalog #2129.96**
RTD probe w/7ft extension cable

| CATALOG NO. | DESCRIPTION |
|---|---|
| 2129.81 | Micro-Ohmmeter Model 6250 (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 |

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INSTRUMENTS