# MICRO-OHMMETERS
## 10A

## MODEL 6240

### Auto calculates resistance from 5µΩ to 400Ω with resolutions down to 1µΩ

## SPECIFICATIONS

| MODEL | 6240 | | | | | |
|---|---|---|---|---|---|---|
| Range | 4000µΩ | 40mΩ | 400mΩ | 4000mΩ | 40Ω | 400Ω |
| Accuracy | ±0.25% of Reading ±2cts | | | | | |
| Resolution | 1µΩ | 10µΩ | 0.1mΩ | 1mΩ | 10mΩ | 100mΩ |
| 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) | | | | | |

**50V CAT III** · **IP 54** · CE · ▢ · **AUTOMATIC REPORT GENERATION**

cover closed

## FEATURES
- Reliable low resistance measurements from 5µΩ to 400Ω
- Four-terminal Kelvin resistance measurement eliminates test lead resistance
- 10A test current up to 4000µΩ
- ±0.25% basic accuracy
- 1µΩ 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 retrieval, real-time display, analysis and report generation

## PRODUCT INCLUDES

Extra large tool bag, set of two 10ft Kelvin clips (10A-Hippo), set of two 10ft Kelvin probes (1A - Spring Loaded), optical USB cable, US 115V power cord, two spare fuses (12.5A), NiMH rechargeable battery pack, and USB drive suppled with product user manual and DataView® software.

## ACCESSORIES

**KELVIN CLIPS, SET OF TWO**
Catalog #1017.84 (replacement)
(10A – Hippo) 10ft

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

**KELVIN CLIPS, SET OF TWO**
Catalog #2118.79 (optional)
(1-10A) 10ft

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

**KELVIN PROBES, SET OF TWO**
Catalog #2118.77 (optional)
(10A – spring loaded) 10ft

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

| CATALOG NO. | DESCRIPTION |
|---|---|
| 2129.80 | Micro-Ohmmeter Model 6240 (10A) |
| **Accessories/Replacement - available on website store from www.aemc.com** | |
| 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 |

Technical Assistance (800) 343-1391

**AEMC® INSTRUMENTS**