

PROVA 700 Milli-Ohmmeter (5A)

Electrical Specifications: (23°C±5°C, 10% of range to 100% of range)

(1) Manual Range:

| | Range | Resolution | Accuracy |
|--------|-----------------------|------------|---------------|
| 5 A | 1.000 mΩ ~ 8.000 mΩ | 1 uΩ | ±0.25%±25 uΩ |
| | 5.00 mΩ ~ 32.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| | 10.00 mΩ ~ 120.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| 1 A | 4.00 mΩ ~ 40.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| | 15.00 mΩ ~ 160.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| | 50.00 mΩ ~ 600.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| 100 mA | 0.0400 Ω ~ 0.4000 Ω | 100 uΩ | ±0.25%±2.5 mΩ |
| | 0.1500 Ω ~ 1.6000 Ω | 100 uΩ | ±0.25%±2.5 mΩ |
| | 0.5000 Ω ~ 6.0000 Ω | 100 uΩ | ±0.25%±2.5 mΩ |
| 10 mA | 0.400 Ω ~ 4.000 Ω | 1 mΩ | ±0.25%±25 mΩ |
| | 1.500 Ω ~ 16.000 Ω | 1 mΩ | ±0.25%±25 mΩ |
| | 5.000 Ω ~ 60.000 Ω | 1 mΩ | ±0.25%±25 mΩ |
| 1 mA | 4.00 Ω ~ 40.00 Ω | 10 mΩ | ±0.25%±250 mΩ |
| | 15.00 Ω ~ 160.00 Ω | 10 mΩ | ±0.25%±250 mΩ |
| | 50.00 Ω ~ 600.00 Ω | 10 mΩ | ±0.25%±250 mΩ |
| 100 uA | 0.0400 kΩ ~ 0.4000 kΩ | 100 mΩ | ±0.75%±3 Ω |
| | 0.1500 kΩ ~ 1.6000 kΩ | 100 mΩ | ±0.75%±3 Ω |
| | 0.5000 kΩ ~ 6.0000 kΩ | 100 mΩ | ±0.75%±3 Ω |

(2) Auto Range:

| | Range | Resolution | Accuracy |
|--------|-----------------------|------------|---------------|
| 5 A | 1.000 mΩ ~ 8.000 mΩ | 1 uΩ | ±0.25%±25 uΩ |
| | 8.00 mΩ ~ 120.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| 1 A | 4.00 mΩ ~ 600.00 mΩ | 10 uΩ | ±0.25%±250 uΩ |
| 100 mA | 0.0400 Ω ~ 6.0000 Ω | 100 uΩ | ±0.25%±2.5 mΩ |
| 10 mA | 0.400 Ω ~ 60.000 Ω | 1 mΩ | ±0.25%±25 mΩ |
| 1 mA | 4.00 Ω ~ 600.00 Ω | 10 mΩ | ±0.25%±250 mΩ |
| 100 uA | 0.0400 kΩ ~ 6.0000 kΩ | 100 mΩ | ±0.75%±3 Ω |

General Specifications:

| | |
|--------------------------|---|
| Power Source: | 1.2V AA rechargeable battery x 8 2500mAh |
| Battery Recharging Time: | 10 hours |
| LCD Display: | 4 5/6 Digit LCD + Backlight |
| AC Adaptor: | AC 110V or 220V input, DC 12V / 1~3A output |
| Dimension: | 257(L) x 155(W) x 57(H) mm 10.1" (L) x 6.1" (W) x 2.2" (H) |
| Weight: | 1160g / 40.9oz (Batteries included) |
| Operation Environment: | 0°C ~ 50°C 85% RH |
| Storage Environment: | -20°C ~ 60°C 75% RH |
| Standard Accessories: | User Manual x 1 Rechargeable batteries x 8 AC adaptor x 1 RS232C (to USB Bridge) Cable x 1 Software CD x 1 Software Manual x 1 Kelvin Clips x 1 set |
| Option: | 4-wire Test Leads |

PROVA®

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