

PROVA 750 Micro-Ohmmeter

Features

- Min. resolution: $0.1\mu\Omega$
- Max. test current: 10A (2m Ω , 20m Ω , 0.25 Ω)
- Extra 10A, 0.25 Ω range for lightning protection systems
- Measurement method: 4 Wires
- Accuracy @ 2.0000m Ω : $0.15\% \pm 1.0\mu\Omega$
- Typical Accuracy: $0.1\% \pm 3\text{dgt}$ s
- Compensation of Chemical or Thermal EMF¹ of DUT² (ΔEMF)
- HI LO Alarm setup
- Display of HI LO setup values on LCD
- PASS or FAIL: Literal display and Buzzer
- Indication of OVER ($\blacktriangle$) or UNDER ($\blacktriangledown$) if FAIL
- HOLD function
- Relative measurement (ΔZERO)
- Check the Potential of DUT (Voltage > 0.2V) before Test
- Detection of Test current less than Nominal values: A ERROR (< 90%)
- Detection of Internal high temperature
- Auto cooling by Internal ventilation fan
- Test leads accessories: Double prods, Kelvin clips, and Alligator clips
- Backlight
- Weight: 1.34kg (3.0 lbs)
- Lithium battery pack: 11.1V, 7Ah

¹EMF: Electromotive Force

²DUT: Device Under Test



Resolution
 $0.1\mu\Omega$



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Electrical Specifications (23°C ± 5°C)

Range	Test Current	Resolution	Accuracy
2.0000 mΩ	10A	0.1μΩ	±0.15%±1.0μΩ
20.0000 mΩ	10A	1μΩ	±0.1%±3μΩ
250.00 mΩ	10A	10μΩ	±0.1%±30μΩ
2500.0 mΩ	1A	100μΩ	±0.1%±300μΩ
25.000 Ω	100mA	1 mΩ	±0.1%±3mΩ
250.00Ω	10mA	10 mΩ	±0.1%±30mΩ
2500.0Ω	1mA	100 mΩ	±0.1%±300mΩ

General Specifications

Power Source	Rechargeable Lithium Battery 7Ah (11.1V)
Battery Recharging Time	8 hours
AC adaptor for battery Charging	AC 110V or 220V input DC 15V / 4A output
LCD Display	4 1/2 + 5 + 5 Digit LCD With Backlight
Dimension	257 (L) x 155 (W) x 57 (H) mm
Weight	1.34Kg / 3.0 lbs (Battey included)
Operation Environment	-10°C ~ 50°C, <85% RH
Storage Environment	-20°C ~ 60°C, <75% RH
Standard Accessories	Rechargeable Lithium Battery x 1 AC power adaptor x 1 User Manual x 1 Carrying Bag x 1 Test leads - Double prods x 1 set Test leads - Kelvin clips x 1 set Test leads - Alligator clips x 1 set

*** Specifications are subject to change without notice.**



Applications

- Ground connections
- Resistance of motors and transformers
- Aircraft and Railway bondings
- Resistance of breakers & switches
- Lightning protection systems



<http://www.prova.com.tw>

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