

## PROVA 730 Micro-Ohmmeter

### Features

- Min. resolution:  $0.1\mu\Omega$
- **Max. test current: 10A**
- Measurement method: 4 Wires
- Accuracy @  $2.0000\text{m}\Omega$ :  $0.15\% \pm 1.0\mu\Omega$
- Typical Accuracy:  $0.1\% \pm 3\text{dgt}$
- Compensation of Chemical or Thermal EMF<sup>1</sup> of DUT<sup>2</sup> ( $\Delta\text{EMF}$ )
- 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 ( $\Delta\text{ZERO}$ )
- 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

<sup>1</sup>EMF: Electromotive Force

<sup>2</sup>DUT: 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	0.1 μΩ	±0.15%±1.0 μΩ
20.000 mΩ	10A	1 μΩ	±0.1%±3 μΩ
200.00 mΩ	1A	10 μΩ	±0.1%±30 μΩ
2000.0 mΩ	100mA	100 μΩ	±0.1%±300 μΩ
20.000 Ω	10mA	1 mΩ	±0.1%±3 mΩ
200.00Ω	1mA	10 mΩ	±0.1%±30 mΩ
2000.0Ω	100 μA	100 mΩ	±0.1%±300 mΩ

### General Specifications

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



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