



## PROVA 700 Milli-Ohmmeter (5A)

**Electrical Specifications:** ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ , 10% of range to 100% of range)

### (1) Manual Range:

	Range	Resolution	Accuracy
5 A	1.000 m $\Omega$ ~ 8.000 m $\Omega$	1 $\mu\Omega$	$\pm 0.25\% \pm 25 \mu\Omega$
	5.00 m $\Omega$ ~ 32.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
	10.00 m $\Omega$ ~ 120.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
1 A	4.00 m $\Omega$ ~ 40.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
	15.00 m $\Omega$ ~ 160.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
	50.00 m $\Omega$ ~ 600.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
100 mA	0.0400 $\Omega$ ~ 0.4000 $\Omega$	100 $\mu\Omega$	$\pm 0.25\% \pm 2.5 \text{ m}\Omega$
	0.1500 $\Omega$ ~ 1.6000 $\Omega$	100 $\mu\Omega$	$\pm 0.25\% \pm 2.5 \text{ m}\Omega$
	0.5000 $\Omega$ ~ 6.0000 $\Omega$	100 $\mu\Omega$	$\pm 0.25\% \pm 2.5 \text{ m}\Omega$
10 mA	0.400 $\Omega$ ~ 4.000 $\Omega$	1 m $\Omega$	$\pm 0.25\% \pm 25 \text{ m}\Omega$
	1.500 $\Omega$ ~ 16.000 $\Omega$	1 m $\Omega$	$\pm 0.25\% \pm 25 \text{ m}\Omega$
	5.000 $\Omega$ ~ 60.000 $\Omega$	1 m $\Omega$	$\pm 0.25\% \pm 25 \text{ m}\Omega$
1 mA	4.00 $\Omega$ ~ 40.00 $\Omega$	10 m $\Omega$	$\pm 0.25\% \pm 250 \text{ m}\Omega$
	15.00 $\Omega$ ~ 160.00 $\Omega$	10 m $\Omega$	$\pm 0.25\% \pm 250 \text{ m}\Omega$
	50.00 $\Omega$ ~ 600.00 $\Omega$	10 m $\Omega$	$\pm 0.25\% \pm 250 \text{ m}\Omega$
100 $\mu\text{A}$	0.0400 k $\Omega$ ~ 0.4000 k $\Omega$	100 m $\Omega$	$\pm 0.75\% \pm 3 \Omega$
	0.1500 k $\Omega$ ~ 1.6000 k $\Omega$	100 m $\Omega$	$\pm 0.75\% \pm 3 \Omega$
	0.5000 k $\Omega$ ~ 6.0000 k $\Omega$	100 m $\Omega$	$\pm 0.75\% \pm 3 \Omega$

### (2) Auto Range:

	Range	Resolution	Accuracy
5 A	1.000 m $\Omega$ ~ 8.000 m $\Omega$	1 $\mu\Omega$	$\pm 0.25\% \pm 25 \mu\Omega$
	8.00 m $\Omega$ ~ 120.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
1 A	4.00 m $\Omega$ ~ 600.00 m $\Omega$	10 $\mu\Omega$	$\pm 0.25\% \pm 250 \mu\Omega$
100 mA	0.0400 $\Omega$ ~ 6.0000 $\Omega$	100 $\mu\Omega$	$\pm 0.25\% \pm 2.5 \text{ m}\Omega$
10 mA	0.400 $\Omega$ ~ 60.000 $\Omega$	1 m $\Omega$	$\pm 0.25\% \pm 25 \text{ m}\Omega$
1 mA	4.00 $\Omega$ ~ 600.00 $\Omega$	10 m $\Omega$	$\pm 0.25\% \pm 250 \text{ m}\Omega$
100 $\mu\text{A}$	0.0400 k $\Omega$ ~ 6.0000 k $\Omega$	100 m $\Omega$	$\pm 0.75\% \pm 3 \Omega$

## 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

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