



PROVA 700 Milli-Ohmmeter

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

(2) Auto Range:

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

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
Battery Charging:	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:	-10°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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