

Micro Junior 2 Micro Ohm Meter 10 A

3-349-785-03
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- Battery operated
- Over 2000 Tests with 10 A Output
- Fully Automatic, 0.00 $\mu\Omega$ to 400 k Ω



Features

- Large LCD display with back light, built in panel-mount printer
- Optional external supply for Winding Resistance (WR50-1A)
- Highest precision measurement available
- Fully automatic, microprocessor controlled
- Rechargeable Lithium-Ion battery
- Over 2000 tests with 10 A output
- Wide measuring range
- Measurements with forward & reverse current
- Automatic measurement detection mode
- Automatic measurement saving
- Self calibrating, continuous measurement mode
- Waterproof case, extremely rugged (can withstand a drop test of 1 meter)

Micro Junior 2

Micro Ohm Meter 10 A

Measurement Parameters

Current Range	Measuring Range	Accuracy	Resolution
10 A F/R*	0.00 $\mu\Omega$... 40 m Ω	$\pm 0.1\%$ Rdg $\pm 0.1\ \mu\Omega$	5 Digits or 0.01 $\mu\Omega$
10 A	0.0 $\mu\Omega$... 40 m Ω	$\pm 0.1\%$ Rdg $\pm 1\ \mu\Omega$	5 Digits or 0.1 $\mu\Omega$
1 A F/R*	0.0 $\mu\Omega$... 1 Ω	$\pm 0.1\%$ Rdg $\pm 1\ \mu\Omega$	5 Digits or 0.1 $\mu\Omega$
1 A	0.000 m Ω ... 1 Ω	$\pm 0.1\%$ Rdg $\pm 10\ \mu\Omega$	5 Digits or 0.001 m Ω
0.1 A	0.00 m Ω ... 10 Ω	$\pm 0.1\%$ Rdg $\pm 0.1\ m\Omega$	5 Digits or 0.01 m Ω
10 mA	0.0 m Ω ... 400 Ω	$\pm 0.1\%$ Rdg $\pm 1\ m\Omega$	5 Digits or 0.1 m Ω
1 mA	0.0 Ω ... 40 k Ω	$\pm 0.1\%$ Rdg $\pm 0.1\ \Omega$	5 Digits or 0.1 Ω
1 mA	40 k Ω ... 400 k Ω	$\pm 1\%$ Rdg	5 Digits

* F/R = automatic Forward / Reverse current measurements

Resistance Range 0.00 $\mu\Omega$ to 400 k Ω
Temperature Operating $-10\ ^\circ\text{C}$ to $60\ ^\circ\text{C}$, Storage $-20\ ^\circ\text{C}$ to $70\ ^\circ\text{C}$

Specifications

Model	Micro Junior 2
Size	L: 410 mm (16.1") W: 337 mm (13.3") H: 178 mm (7")
Weight	5.9 kg (13 lbs.)
Power	Lithium-Ion battery, 16.4 V / 6 Ah
Test Current	User Selectable: 10, 1, 0.1, 0.01, 0.001 A DC
Panel Display	LCD Graphic with back light
Front Panel	Sealed, Anodized with a multi-actuation rotary knob
Interface	9 Pin RS232 serial
Pritner	Internal panel mount printer
Memory Storage	Internally stores up to 2000 complete test results

Accessories (Scope of Delivery)

Set of test leads (3 m) with croco clips, instruction manual, battery charger (100 to 265 Vac), Rechargeable Lithium-Ion battery, Software for data download

Ordering information

Description	Type	Order number
Micro Ohm Meter 10 A	Micro-Junior 2	M681A
Winding Resistance power supply (50 A / 50 V)	WR50-1A	
Kelvin probe set	MJO 201	
External temperature probe	TP 02	Z681B

For more information on accessories, see

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