

Micro Junior 2
For very low
resistance
measurements



Raytech Digital Micro ohm meter, Micro Junior 2, is designed for a high degree of accuracy to measure very low resistances. It is battery operated with a lithium-ion battery that allows over 2000 test measurements with 10A output without recharging.

The Micro Junior 2 is a high precision, fully automatic, microprocessor-based system. This system is designed for highly accurate readings on-site with laboratory precision.

The Micro Junior 2 applies a preset current level, selected by the user. The results of the test are displayed within a few seconds automatically. The results are reported on the easy to read liquid crystal display and can be stored or printed out.

The Micro Junior 2 is one of the most lightweight systems available that comes complete with its own rugged waterproof field case.



Temperature		Resistance range	0.00 $\mu\Omega$ to 400 k Ω
Operating	-10°C to 55°C	Accuracy	$\pm 0.1\%$ Rdg
Storage	-20°C to 70°C	Resolution	5 Digits or 0.01 $\mu\Omega$
Supply	External DC charger	Current range	1 mA... 10 A DC

技术咨询和询价：010-68940148

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 $\pm 0.1 \text{ m}\Omega$	5 Digits or 0.01 m Ω
10 mA	0.0 m Ω ... 400 Ω	$\pm 0.1\%$ Rdg $\pm 1 \text{ m}\Omega$	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	4 Digits

F/R* = automatic Forward / Reverse current measurements

Specifications

Model

Micro Junior 2

Size

Size L: 410 mm (16.1")

W: 337 mm (13.3")

H: 178 mm (7")

Weight

5.9 kg (13 lbs.)

Interface

Interface 9 Pin RS232 serial

Memory Storage

Internally stores up to 2000 test results

Panel Display

LCD graphic with back light

Front Panel

Sealed, Anodized

Accessories

- Current cables 2 x 3 meters
- Potential cables 2 x 3 meters
- Power cord charger
90 to 264 V AC
- Instruction manual
- Toolbox software for data exchange and analysis
- 2 Paper rolls

Options

MJO 201

Kelvin probe set

TP X1

External temperature probe