

Micro Centurion II

For very low
resistance
measurements



Raytech Digital Micro ohm meter, Micro Centurion II, is designed for a high degree of accuracy to measure very low resistances. This technology is then packed into a portable test system to be used by apparatus manufacturers, rebuild shops, and electrical maintenance crews. This intelligent system has an easy-to-use operation screen, which allows a quick selection of the current level and resistance level to be measured.

The MC-II is a high precision, fully automatic, microprocessor-based system. This system is designed for highly accurate readings on-site with laboratory precision. This instrument measurement incorporates a high precision measurement circuit and a modular power source. Extensive filtering and high precision standards are used within the test system.

The MC-II applies a preset current level, selected by the user. The results of the test are displayed within a few seconds automatically. The results are then reported on the easy-to-read liquid crystal display and can be stored or printed out. The Micro Centurion II is one of the most lightweight systems available that comes complete with its rugged waterproof Field case.



技术咨询和询价：010-68940148

Temperature		Resistance range	0.00 $\mu\Omega$ to 5 Ω
Operating	-10°C to 55°C	Accuracy	$\pm 0.1\%$ Rdg
Storage	-20°C to 70°C	Resolution	5 Digits or 0.01 $\mu\Omega$
Abs. Input Voltage	90 to 264 VAC, 47-63 Hz	Current range	10 A ... 200 A DC at 5 V

Measurement Parameters

Current Range	Measuring Range	Accuracy	Resolution
200 A	0.00 $\mu\Omega$... 20 m Ω	$\pm 0.1\%$ Rdg ± 0.01 $\mu\Omega$	5 Digits or 0.01 $\mu\Omega$
100 A	0.00 $\mu\Omega$... 40 m Ω	$\pm 0.1\%$ Rdg ± 0.02 $\mu\Omega$	5 Digits or 0.02 $\mu\Omega$
50 A	0.00 $\mu\Omega$... 100 m Ω	$\pm 0.1\%$ Rdg ± 0.04 $\mu\Omega$	5 Digits or 0.05 $\mu\Omega$
20 A	0.0 $\mu\Omega$... 1.0 Ω	$\pm 0.1\%$ Rdg ± 0.1 $\mu\Omega$	5 Digits or 0.1 $\mu\Omega$
10 A	0.0 $\mu\Omega$... 5.0 Ω	$\pm 0.1\%$ Rdg ± 0.2 $\mu\Omega$	5 Digits or 0.2 $\mu\Omega$

Accessories

- Current cables 2 x 5 meters
- Potential cables 2 x 5 meters
- Power cord
- Instruction manual
- 2 paper rolls
- Toolbox software for data exchange

Specifications

Model Micro Centurion II	Interfaces Interface 9 Pin RS232 serial 25 Pin centronics parallel
Size L: 521 mm (20.5") W: 432 mm (17") H: 216 mm (8.5")	Memory Storage Internally stores up to 2000 test results
Weight 14.4 kg (31.5 lbs.)	Panel Display LCD graphic with back light
	Front Panel Sealed, Anodized

Options

- MCO 101**
200 A Kelvin clip set
- TP 01**
External temperature probe