



Raytech
SWITZERLAND

Micro Centurion II

200A Micro Ohm Meter



Fully Automatic

Five Ranges for Precision and Accuracy

Pure filtered DC Output

Micro Centurion II

200A Micro Ohm Meter

Features:

Automatic measurements from 0.01 $\mu\Omega$... 5 Ω
Pure filtered DC power source
Highest accuracy readings
Microprocessor based system
Internal storage for test results
Large LCD display with backlight
Single or continuous measurements

Automatic data storage
Fully remote operation and control with an external PC
Automatic shut off for over-temperature condition
Automatic calibration system and system diagnostics
Centronics (parallel) Interface & RS232 (serial) interface
Extremely rugged (Can withstand a drop test of 1 meter)

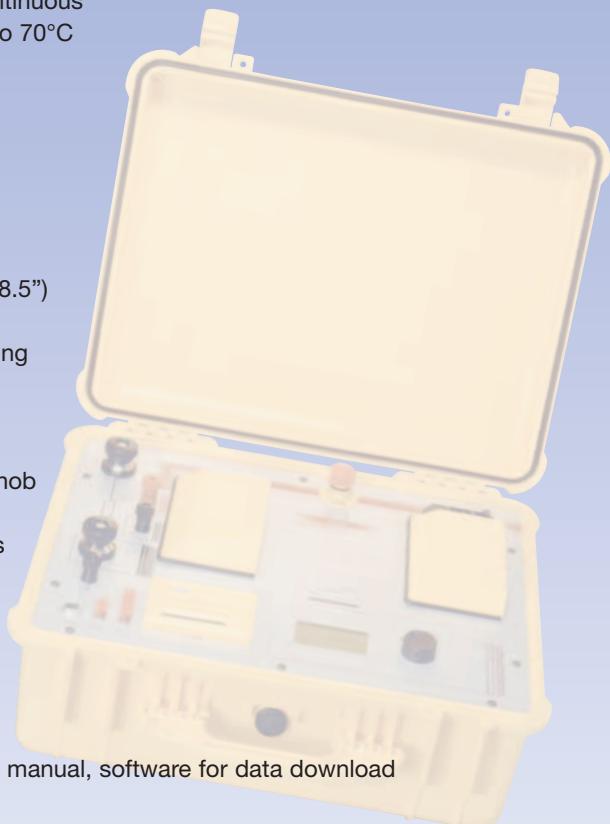
Measurement Parameters:

Current Range	Measuring Range	Accuracy	Resolution
200 A	0.01 $\mu\Omega$... 20m Ω	$\pm 0.2\%$ Rdg ± 2 LSD	0.01 $\mu\Omega$
100 A	0.02 $\mu\Omega$... 40m Ω	$\pm 0.2\%$ Rdg ± 2 LSD	0.02 $\mu\Omega$
50 A	0.05 $\mu\Omega$... 100m Ω	$\pm 0.4\%$ Rdg ± 3 LSD	0.05 $\mu\Omega$
20 A	1.0 $\mu\Omega$... 1.0 Ω	$\pm 0.4\%$ Rdg ± 3 LSD	0.1 $\mu\Omega$
10 A	1.0 $\mu\Omega$... 5.0 Ω	$\pm 0.4\%$ Rdg ± 3 LSD	0.2 $\mu\Omega$

Resistance Range: 0.01 $\mu\Omega$ to 5 Ω

Measuring duty cycle: 200A 10 min. on, 2 min off. 100A & below continuous

Temperature: Operating -10°C to 60°C Storage -20°C to 70°C



Specifications:

Model:	Micro Centurion II
Size:	L: 521 mm (20.5") W: 432 mm (17") H: 216 mm (8.5")
Weight:	14.4 kg (31.5 lbs.)
Input Power:	100 to 250 Vac (1kW max.), 50/60 Hz, auto ranging
Output Power:	1000 Watt
Test Current:	User Selectable: 200, 100, 50, 20, 10 A DC
Panel Display:	LCD Graphic with back lighting
Front Panel:	Sealed, Anodized with a multi-actuation rotary knob
Interface:	9 Pin RS232 serial / 25 Pin Centronics parallel
Memory Storage:	Internally stores up to 2000 complete test results

Accessories:

Current and voltage lead set 5 meters, power supply cord, instruction manual, software for data download

Options:

MCO 101	200A Kelvin clip set
MCO 102	Internal panel mount printer
TP 01	External temperature probe

Specifications are subject to change without notice.

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