

Micro Centurion II

SPECIFICATIONS:

MODEL:	Micro Centurion II – 200 Amp Contact Resistance Meter
SIZE:	L: 20.5" (521 mm) W: 17" (432 mm) H: 8.5" (216 mm)
WEIGHT:	31.5 lbs. (14.4 kg)
INPUT POWER:	100 to 250 VAC (1kW max.), 50/60 Hz, Autoranging
TEST CURRENT:	User Selectable: 200, 100, 50, 20, 10 Ampere
PANEL DISPLAY:	LCD Graphic with backlight
FRONT PANEL:	Sealed anodized with a multi-actuation rotary knob
INTERFACE:	9 Pin RS232 Serial / 25 Pin Centronics Parallel
MEMORY STORAGE:	Stores up to 2000 complete test results
RESISTANCE RANGE:	0.01 $\mu\Omega$ to 5.0 Ω
MEASURING DUTY CYCLE:	200 A 10 min. on 5 min off. 100 A and below continuous
TEMPERATURE:	Operating: -10° C to 60° C Storage: -20° C to 70° C

Current Range	Measuring Range	Accuracy	Resolution
200 Amp	0.01 $\mu\Omega$... 20m Ω	$\pm 0.2\%$ Rdg ± 2 Digits	0.01 $\mu\Omega$
100 Amp	0.02 $\mu\Omega$... 40m Ω	$\pm 0.2\%$ Rdg ± 2 Digits	0.01 $\mu\Omega$
50 Amp	0.04 $\mu\Omega$... 100m Ω	$\pm 0.4\%$ Rdg ± 3 Digits	0.05 $\mu\Omega$
20 Amp	1.0 $\mu\Omega$... 1.0 Ω	$\pm 0.4\%$ Rdg ± 3 Digits	0.1 $\mu\Omega$
10 Amp	1.0 $\mu\Omega$... 5.0 Ω	$\pm 0.4\%$ Rdg ± 3 Digits	0.2 $\mu\Omega$

FEATURES:

- Pure filtered DC power source for the highest accuracy readings
- Single or continuous measurement with automatic data storage
- Internal storage for 2,000 test results
- Single push button operation
- Centronics (Parallel) interface and RS232 (Serial) interface
- Automatic shut off for over-temperature condition
- 5 year standard warranty

STANDARD ITEMS:

- 5 meter current leads (positive and negative)
- 5 meter potential leads (positive and negative)
- 5 meter Safety ground lead
- 6 meter power cord
- 3 meter RS-232 cable
- Cable bag
- Instruction manual
- Certificate of Accuracy



OPTIONAL ITEMS:

- Optional Panel Mount Printer (MCO-102)
- Temperature Probe (TP-01)
- Annual Warranty Extension