



**Fully Automatic**

**Five Ranges for Precision and Accuracy**

**Pure filtered DC Output**

## Features:

Automatic measurements from  $0.01\mu\Omega$  ...  $5\Omega$   
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	$0.01\mu\Omega$ ... $20m\Omega$	$\pm 0.2\%$ Rdg $\pm 2$ LSD	$0.01\mu\Omega$
100 A	$0.02\mu\Omega$ ... $40m\Omega$	$\pm 0.2\%$ Rdg $\pm 2$ LSD	$0.02\mu\Omega$
50 A	$0.05\mu\Omega$ ... $100m\Omega$	$\pm 0.4\%$ Rdg $\pm 3$ LSD	$0.05\mu\Omega$
20 A	$1.0\mu\Omega$ ... $1.0\Omega$	$\pm 0.4\%$ Rdg $\pm 3$ LSD	$0.1\mu\Omega$
10 A	$1.0\mu\Omega$ ... $5.0\Omega$	$\pm 0.4\%$ Rdg $\pm 3$ LSD	$0.2\mu\Omega$

Resistance Range:  $0.01\mu\Omega$  to  $5\Omega$   
Measuring duty cycle: 200A 10 min. on, 2 min off. 100A & below continuous  
Temperature: Operating  $-10^{\circ}\text{C}$  to  $60^{\circ}\text{C}$  Storage  $-20^{\circ}\text{C}$  to  $70^{\circ}\text{C}$

## 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.

