

Micro Centurion II Micro Ohm Meter 200 A

- Fully Automatic
- 5 Ranges for Precision and Accuracy
- Pure filtered DC Output



Features

- Automatic measurements from $0.00 \mu\Omega$... 5Ω
- Pure filtered DC power source
- Highest accuracy readings
- Microprocessor based system
- Internal storage for test results
- Large LCD display with back light
- 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)
- User defined „Current on“-Ramp
- Internal panel mount printer

Micro Centurion II

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Measurement Parameters

Current Range	Measuring Range	Accuracy	Resolution
200 A	0.00 $\mu\Omega$... 20 m Ω	± 0.1 % Rdg ± 0.01 $\mu\Omega$	5 Digits or 0.01 $\mu\Omega$
100 A	0.00 $\mu\Omega$... 40 m Ω	± 0.1 % Rdg ± 0.02 $\mu\Omega$	5 Digits or 0.02 $\mu\Omega$
50 A	0.00 $\mu\Omega$... 100 m Ω	± 0.1 % Rdg ± 0.04 $\mu\Omega$	5 Digits or 0.05 $\mu\Omega$
20 A	0.0 $\mu\Omega$... 1.0 Ω	± 0.1 % Rdg ± 0.1 m Ω	5 Digits or 0.1 $\mu\Omega$
10 A	0.0 $\mu\Omega$... 5.0 Ω	± 0.1 % Rdg ± 0.2 m Ω	5 Digits or 0.2 $\mu\Omega$
Resistance Range	0.00 $\mu\Omega$ to 5 Ω		
Measuring duty cycle	200 A 10 min. on, 2 min off. 100 A & 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 (1.1 kW 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 light
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 (Scope of Delivery)

Current and voltage lead set 5 meters with croco dips, instruction manual, software for data download

Ordering information

Description	Type	Order number
Micro Ohm Meter 200 A	Micro-Centurion II	M681E
Temperatursonde	TP01	Z681E
200 A Kelvin clip set	MCO 101	

For more information on accessories, see

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www.gossenmetrawatt.com

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