

Raytech U.S.A. Inc.
Industrial Test Equipment

model **Micro Centurion II**



Raytech Toll Free
1 888 4 THE SPY
www.raytechusa.com

Fully Automatic, 200 A Micro-Ohm Meter
Five Ranges for Precision and Accuracy
Standard Five Year Warranty



90 C Randall Avenue, Woodlyn PA 19094
610 / 833 . 3016 • Fax: 610 / 833 . 3018

Micro Centurion II - 200 Amp Micro-Ohm Meter

Specifications:

MODEL: Micro Centurion II
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, automatic ranging.
TEST CURRENT: User Selectable: 200, 100, 50, 20, 10 Ampere.
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: Stores up to 2000 complete test results.

Measurement Parameters:

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

RESISTANCE RANGE : 0.01 $\mu\Omega$ to 5 Ω

MEASURING DUTY CYCLE: 200A 10 min. on, 5 min off. 100A & below continuous

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

CABLE SET / ACCESSORIES

Current and voltage lead set 5 meters, power supply cord, instruction manual, safety ground lead.

Standard Items:

- Automatic measurements of low resistance from 0.01 $\mu\Omega$... 5 Ω .
- Pure filtered DC power source for the highest accuracy readings.
- Microprocessor based system with internal storage for test results.
- Single or continuous measurements with automatic data storage.
- Automatic shut off for over-temperature condition
- Complete automatic calibration system and system diagnostics.
- Centronics (parallel) interface & RS232 (serial) interface.
- Standard 5 year warranty

Optional Items:

- Part No - MC 01 - 200A Kelvin clip set
- Part No - MC 02 - Custom clamping devices (user specified)
- Part No - MC 03 - Internal panel mount printer
- Part No - MC 04 - External temperature probe assembly

Local Representative:

Reptame Equipment Inc.
www.reptame.com
 (905) 936-6979

Specifications are subject to change without notice.

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