

Technical data

Mains power supply

- Connection according to IEC/EN60320-1; C320
- Mains supply: 90 V – 264 V AC
- Frequency: 50 / 60 Hz
- Input power: 1210 VA (230 V AC);
1150 VA (115 V AC);
- Fuse: 10 A / 250 V, type F

Output data

- Test current: 5 A – 100 A DC
 - Max load interval (at 100 A): 300 s
 - Full Load Voltage (at 100 A): 7,25 V
- *At 230 V of supply voltage

Measurement

- Resistance range: 0,1 $\mu\Omega$ – 999,9 m Ω
- Resolution

0,1 $\mu\Omega$ - 999,9 $\mu\Omega$	0,1 $\mu\Omega$
1,000 m Ω - 9,999 m Ω	1 $\mu\Omega$
10,00 m Ω - 99,99 m Ω	10 $\mu\Omega$
100,0 m Ω - 999,9 m Ω	0,1 m Ω
- Typical accuracy $\pm (0,1 \% \text{ rdg} + 0,1 \% \text{ FS})$

Display

- LCD screen 20 characters by 4 lines;
- LCD display with backlight, visible in bright sunlight.

Interface

- RMO100A is equipped with an USB port
- optional: RS232 (connection to an external computer)

Test Result Storage

- RMO100A can store up to 500 measurements

Environmental conditions

- Operating temperature:
-10 °C - +55 °C / +14 °F - +131 °F
- Storage & transportation:
-40 °C - +70 °C / -40 °F - +158 °F
- Humidity 5 % - 95 % relative humidity

Environmental protection

- Ingress protection rating: IP43

Printer (optional)

- Thermal printer
- Paper width 80 mm / 3.2 in

Dimensions and weight

- Dimensions (W x H x D)

198 mm x 255 mm x 380 mm
7.8 in x 10 in x 15 in
- Weight: 7 kg / 15.4 lbs.

Applicable Standards

- Installation/overvoltage: category II
- Pollution: degree 2
- Safety: LVD 1006/95/EC (CE Conform)
EN 61010-1
- EMC: Directive 1004/108/EC (CE Conform)
Standard EN 61326-1:1006
- CAN/CSA-C22.2 No.61010-1, 2nd edition,
including Amendment 1

Warranty

- 3 Years