

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: 3800 VA (230 V AC); 2300 VA (115 V AC)
- Fuse: 20 A / 250 V, type F

Output data

- Test current 10 A - 800 A DC
- Full Load Voltage 4,7 V DC at 800 A
*At 230 V of supply voltage

Measurement

- Resistance range 0,1 $\mu\Omega$ - 500 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 - 499,9 m Ω 0,1 m Ω
- Typical accuracy \pm (0,1 % rdg + 0,1 % FS)

Display

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

Interface

- RMO800G is equipped with an USB port (optional: RS232) to connect to an external computer

Test Result Storage

- RMO800G 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, non condensing
- Installation/overvoltage category II
- Pollution degree 2

Dimensions and weight

- Dimensions: 480 mm x 197 mm x 395 mm
(W x H x D) 18,9 in x 7,75 in x 15,55 in
- Weight: 11,5 kg / 25,4 lb

Warranty

- 3 Years

Safety Standards

- European standards EN 61010-1
LVD 2006/95/EC
- International standards IEC 61010-1
UL 61010-1
CAN/CSA-C22.2 No. 61010-1, 2nd edition, including Amendment 1

Electromagnetic Compatibility (EMC)

- CE conformity EMC standard 89/336/EEC
EMC directive 2004/108/EC
- Emission EN 61326-1
- Interference Immunity EN 61326-1