

MOM200P

Digital Micro Ohm Meter

(Contact Resistance Meter)



Applying current from 25A to 200A DC
Measuring Resistance from $1\mu\Omega$ to 160 m Ω

Features

- Small, lightweight, portable, extremely reliable and easy to use
- Graphical results for quick interpretation
- PC control with MOMSOFT software

Applications

- Aircraft frame bonds and Static Control circuit, graphite electrodes and other composites
- Busbar and cable joints, Integrity of welded, Rail and Pipe bonds, Wire and Cable resistance
- Transmitter aerial and lightning Conductor bonding, Metal alloys
Welds and fuse resistance
- Switch and contact breaker resistance
- Inter-cell connections on battery systems
- Quality control of resistive components



Specifications

**Specifications Are Valid At Nominal Input Voltage And An Ambient Temperature Of +25°C, (77°F).
Specifications Are Subject To Change Without Notice.**

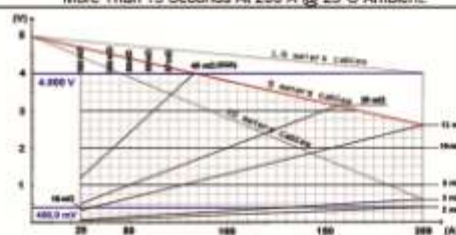
General

Type	Portable Digital Micro Ohm Meter (Contact Resistance Meter)
CPU	8 Bit Micro Controller @ 14.7 Mhz
Display	4*20 Character LCD With Back Light
Memory ROM	64 Kbyte
Memory RAM	128 Kbyte
Mains Voltage	220V AC , 50 Hz
Standby Current	40 mA
Current @ 25A Out	180 mA
Current @ 200A Out	3.9 A
Max Power Consumption @ 200A Out	2 Kw
Dimensions	Basic Unit 460 x 160 x 330 mm (18.1" x 5.9" x 12.9") Cover Case 480 x 170 x 350 mm (18.6" x 6.6" x 13.7")
Weight (Basic Unit)	10.5 kg (19.8 lbs)
Computer Interface	One RS-232 Port , One USB Port
Internal Test Record Storage	Stores Up To 500 Ohm Value , Stores Up To 140 Ohm Curve
Keypad	Rugged Membrane Keypad (10 Alpha-Numeric Keys, 6 Function Keys)
Warranty , After Sales Service	One Years , Ten Years

Measurement

Test Range	1 μ Ω To 15mΩ (±1 μ Ω)
	10 μ Ω To 160mΩ (±10 μ Ω)
Current Range	Thermally-Protected DC Power Supply, 25A – 200A, Selectable in 1A Steps
Output Voltage	5 V DC
Accuracy	±1% ± 1dgt
Maximum Continuous Test Time	More Than 15 Seconds At 200 A @ 25°C Ambient.

Measurement Regarding by variant Cable Length



Cable=1.5 Meter	I=200A	Max Resistance Measuring=20 mΩ
Cable=5 Meter	I=200A	Max Resistance Measuring=13 mΩ
Cable=10 Meter	I=200A	Max Resistance Measuring=3 mΩ

Printout

Types Of Printout On Unit	Result (Site Name, Date, Time, Serial Number, Resistance, Actual Applied Current, Current Applied Time)
Printer Method	Thermal Printer With Fixed Print Head
Resolution (Graphic)	Resolution 8 Dots/mm (203 dpi)
Paper	Width 58 ± 0.5 mm (2.28"±0.2")

PC Software

MOMSoft	Windows® 95 / 98 / ME / 2000 / XP / VISTA / SEVEN 7 Software Is Included With Purchase Price
Language	English / Persian

Environment

Operating Temperature	-10 to +45°C (23 to +113°F)
Storage Temperature	-15 to +60°C (15 to +140°F)
Humidity	20% – 80% RH , Non-Condensing
Altitude	2000m (6562 ft) To Full Safety Specifications

Accessories

Connection Cables (Current Cable, Voltage Cable, Power Cable, Earthing Cable, RS232 Cable, USB Cable)
User Manual + Quick Reference + Calibration Report + MOMSOFT (1 CD)
Cover Case And Cable Bag
Portable Printer (Optional)
Clamps And Handspike (Optional)
Voltage And Current Cables - 15Meter (Optional)
Carrier Case (Heavy Duty Transport Case) (Optional)

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