



MICRO-OHM METER

(Cable Resistance Meter)

Model: RMO-36



RTS make Micro-Ohm Meter is suitable for automatic offline measurement of very small resistance of Shunts, cables, cable joints etc.

The test results are repeatable, consistent & immune to electromagnetic interference in live switchyard.

Technical Specification:

Particulars	Specification
No. of Channel	1 for Contact resistance 1 for Temperature input (PT100) 1 for test current (internal)
Current Ranges	Up to 30A (user selectable) (Continuous operation)
Resistance Range	50.0 $\mu\Omega$ to 999.9m Ω (auto ranging)
Resolution	4½ Digits. Best resolution of 0.1 $\mu\Omega$ at 1 m Ω range
Accuracy	Up to $\pm 0.1\%$ of reading
Display	240 x 128 pixels Graphic LCD display with backlit for Resistance & Current
Open Circuit voltage	5Vdc (min.)
Memory	Non-volatile memory to store 500 measurements
Real Time Clock (RTC)	Built-in RTC with stamping in Test Results
Serial Port	RS232C for downloading stored data on PC
Key Pad	Alpha-numeric keypad for operation of kit
Indications	Current ON
Power supply	230V AC $\pm 10\%$, 50Hz $\pm 5\%$
Environment	0 to 50°C under live HV switchyard
Software	Necessary PC down-loading s/w provided
Casing	Instrument case
Instrument Protection	From Over temperature
Weight	12Kg (Approx.)

Standard accessories:

1. Test Leads: Current Lead (Cu-10mm²) – 2 nos.
Potential Leads (Cu-2.5mm²) – 2 nos.
Grounding Lead – 1 no.
2. Power Cord
3. Operation Manual
4. Calibration Certificate traceable to ERTL(N), Delhi

REAL TIME SYSTEMS

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