



MC-900 Series/MC-900BA Series



Adaptor
(MC-900BA Series)

Features

- Single Person Push Button Operation
- High Accuracy $\pm 5\%$ of Indicated Value in Effective Range
- Scale Length : 80mm (approx.)
- Terminal Voltage : $> 85\%$ of Rated Voltage for Insulation Resistance
- Measurement from 10% to 100% of the Insulation Resistance Range
- ABS Resin Yellow Case with Polycarbonate Meter Front Cover
- Meets Requirement of IEC 61010, Installation Category II, 1000V Phase Earth
- Designed to Generally Confirm to IS 10656-1983
- 7 Models with various Voltage & MΩ Ranges
- Battery Adaptor (Optional) for MC-900BA Series

Applications

Ideal for Insulation Resistance Measurement of

- Electrical Equipment (Motors, Transformers, Machines, etc.)
- Cables for Communication Networks
- Industrial, Commercial & Residential Installations
- Electrical Cables for Distribution Networks
- House Hold Appliances (Washing Machines, Mixer, Toaster, etc.)

Model	Range	Test Voltage DC
MC-901 / MC-901BA	0 - 20 M Ohms	100 V
MC-903 / MC-903BA	0 - 100 M Ohms	500 V
MC-904 / MC-904BA	0 - 500 M Ohms	500 V
MC-941 / MC-941BA	0 - 1000 M Ohms	500 V
MC-906 / MC-906BA	0 - 200 M Ohms	1000 V
MC-907 / MC-907BA	0 - 500 M Ohms	1000 V
MC-981 / MC-981BA	0 - 2000 M Ohms	1000 V

Specifications

Accuracy	$\pm 5\%$ of Indicated Value at $27^\circ\text{C} \pm 5^\circ\text{C}$
Operating Temperature	0° to 50°C
Storage Temperature	-10°C to 60°C
Relative Humidity	80% Maximum
Low Battery	When Battery Voltage Drops below Operating Voltage, Pointer cannot reach zero after shorting the Output Terminals.
Power	9V (6 x 1.5V AA) Battery
Dimensions	144.5 x 95 x 72.5 mm (approx.)
Weight	438.6 gms Including Battery (approx.)
Standard Accessories	Pair of Crocodile / Alligator Test Leads (Red & Black) x 1, Carrying Case x 1, 1.5V AA Batteries x 6 (Fitted - In), Battery Adaptor (Optional) for MC-900BA Series [Adaptor Input : 100 - 240V, 50 / 60Hz, 0.3A, Output : 9V= 500mA]
Dielectric Strength	3.5 KV @ 50Hz for 1 min. between Input Terminals & Case
Insulation Resistance	More than 50M Ohm at 500V between Circuit & Case