



Adaptor



MC-900BA Series



MC-900 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 Acrylic Meter Cover
- Meets Requirement of IEC1010, Installation Category II, 1000V Phase Earth
- Designed to Generally Conform to IS 10656-1983
- 7 Models with various Voltage & MOhm Ranges
- Battery Adaptor (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	$0^{\circ}$ to $50^{\circ} \text{C}$
Storage Temperature	$-10^{\circ} \text{C}$ to $60^{\circ} \text{C}$
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 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