



EMPOWERING
MEASUREMENT

B50K

FEATURES

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GENERAL SPECIFICATIONS

- Response Time : Less than 3 seconds.
- HV ON/EXT. VOLTAGE Indication : Above 40 volts between EARTH & Line terminals.
- Max. allowable external voltage : 500 volt AC/DC between EARTH & LINE terminals.
- External Capacitor Discharge Time : 2.5 seconds per micro-farad to discharge from 5000 volts to 50 volts.
- Internal Discharge Resistance : 470 K Ω

ELECTRICAL SPECIFICATIONS

At 25 $^{\circ}$ ±3 $^{\circ}$ C and 55% RH ±10%

1	Resistance Indicating Device	Analog Moving Coil meter
2	Scale length	89mm
3	Effective Range of	0 - 50 G Ω and ∞
4	First effective range	50 M Ω to5G Ω
5	Second effective range	5 G Ω to50G Ω
6	Accuracy	
	First effective range	±5% of reading
	Second effective range	±10% of reading
	Maximum deviation of pointer from any marked position	<±1 mm
	Zero and Infinity Marks	±0.7% of Scale length
7	Terminal Voltage (DC) (Measured with 1000M Ω input impedance probe)	
	Rated Terminal Voltage	1000V and 5000V
	Accuracy	<±10% at infinity scale mark More than 90% at centre scale mark.

INPUT POWER

- Power Source : 230VAC±10%, 50Hz, or
Internal Rechargeable
Battery 12V/ 1.2Ah
- Battery Charging Time : 16 Hours

PHYSICAL

- Dimensions : 340 mm (D) X 258 mm
(W) X 145 mm (H)
- Net Weight : 4 Kg. Approx.
- After packing : 6 Kg. Approx.

ACCESSORIES SUPPLIED

- One Pair of Test Leads with crocodile clips.
- Mains Cord.
- Battery Pack Installed.
- Instruction Manual.

OPTIONAL ACCESSORIES

- Test leads up to 10 meter long with crocodile clips.
- Guard Test lead.

APPLICATIONS

- Insulation test involving long test durations.
- Testing of Relays, Contactors, Switches,
- HT Cables and Power transmission Cables.
- Motors, Transformers and Generators testing.
- Electrical Switch Gears and Circuit breakers.
- Insulating Materials.

1.The Instrument is accompanied with Test & calibration sheet. 2.Test Facilities can be provided at the factory with the available test set-ups only. 3.The Company's policy is continuous improvement of itsproducts. we therefore reserve the Right of any deviation fromillustration or specifications without notice. 4.Stated accuracies are valid from 1/10th of range to FS. 5.Accuracy Specified for temperature range of 25 C ± 5 C& 55%RH ±10%.

