



Test Leads



Carrying Case



HIT Series

Features

- Single Person Hand Driven
- High Accuracy $\pm 1\%$ FS
- Scale Length : 65mm (approx.)
- Steady and Accurate Readings
- Steady Output Voltage
- "Guard" Terminal to Prevent Errors Due to Surface Leakage
- Measurement from 10% to 100% of the Insulation Resistance Range
- Rugged Plastic / Metal Case to Prevent the Ingress of Moisture
- 6 Models with Various Voltage & MOhm Ranges

Applications

Ideal for Insulation Resistance Measurement of

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

Model	Range	Test Voltage
HIT 5 - 1	0 ~ 100M Ω	500V
HIT 5 - 2	0 ~ 200M Ω	500V
HIT 1K - 2	0 ~ 200M Ω	1000V
HIT 1K - 5	0 ~ 500M Ω	1000V
HIT 2K5 - 50	0 ~ 5000M Ω	2500V
HIT 5K - 50	0 ~ 5000M Ω	5000V

Specifications

Accuracy	$\pm 1\%$ FS
Operating Temperature	0° to 50°C
Storage Temperature	-10°C to 60°C
Relative Humidity	80% Maximum
Insulation Resistance	More than 20M Ohm at 500V Between Circuit & Case
Cranking Speed	120rpm (approx.)
Inclination Variation	$\pm 1\%$ FS at 10°C Inclination
Temperature Variation	$\pm 0.8\%$ FS for every $\pm 10^\circ\text{C}$ Change of Ambient Temperature
External Magnetic	$\pm 2.5\%$ FS to Magnetic
Field Influence	Field Defect of 5 A/M (Ampere Per Meter)
Dimensions & Weight	225 x 130 x 140 mm (approx.), 550gms (approx.) HIT 2K5-50 & HIT 5K-50
	210 x 120 x 150 mm (approx.), 950gms (approx.) for other models
Accessories	Test and Calibration Certificate, Pair of Crocodile / Alligator Test Leads (Red & Black) x 1, Carrying Case x 1, Instruction Manual