

# INSULATION TESTER

## HAND DRIVEN GENERATOR TYPE INSULATION TESTER METAL BODY

### FEATURES

- **Non Magnetic metal body with** collapsible steel handle
- **Hand-driven generator type** with no requirement of battery or external power supply
- Extremely smooth and Silent brushless AC Generator
- **Rugged and sturdy design to withstand harsh industrial environment**
- Cross coil movement to ensures stable readings
- Confirming to IS 2992-1987 with 70mm(Approx) logarithmic scale
- Quick response of less than 3 seconds
- Guard terminal to eliminate surface leakage current
- Available in Voltage Ranges varying from 100V to 5000V DC



### SPECIFICATION

Display	Analog display with 70mm scale length Knife Edge pointer with Anti-parallax mirror scale
Tolerance of Voltage across measuring terminals	Within $\pm 10\%$ of the rated voltage
Rotation Speed	160 to 240 RPM
Central Scale Mark	1/50 <sup>th</sup> of rated resistance value
Insulation Resistance	> 50 mega ohms at 500V DC
Di-electric strength	2KV @50Hz for 1 minute between case and terminals
Ripple content at 160 RP	<10% of rated Voltage
Housing material	Anti magnetic metal body
Glass protection	With ABS flap
Response Time	Less than 3 seconds
Environment	
Calibration	27°C $\pm$ 5°C
Operating	0° to + 60°C, RH<70%
Storage	-10° to +70°C, RH<70%
Standard	IS 2992: 1987
Approx Weight	
Standard Accessories	1. A pair of testing Leads 2. User manual and Test certificate 3. Rextin carrying case

### ORDERING INFORMATION

Voltage Range	Insulation Resistance	Model	Product ID
500V	50	ITM-505	
	100	ITM-5010	
	200	ITM-5020	
	500	ITM-5050	
	1000	ITM-50100	
1000V	100	ITM-10010	
	200	ITM-10020	
	500	ITM-10050	
	1000	ITM-100100	
	2000	ITM-100200	
2500V	2500	ITM-250250	
	5000	ITM-250500	
5000V	5000	ITM-500500	
	10000	ITM-5001000	

### DIMENSIONS (MM)

FRONT	DEPTH
161 X 109	109

\*WHILE ORDERING PLEASE MENTION RANGE, CLASS & AUX SUPPLY & FOR BULK CUSTOMIZED INQUIRES PLEASE CONTACT SALES.