



## METAL BODY

**Nippen Insulation Testers are used for direct reading of insulation resistance of electrical rotating machine, power distribution lines, communication cables, insulators, controls and switching equipment etc.**

**Its is a robust instrument incorporating a built-in hand driven generator and a solid-state circuit for stabilized D.C output.**

**A sturdy and elegant Alluminium cast case with carrying handle which makes the instrument portable.**



## METAL BODY

### Features

- Rugged design to withstand industrial environment
- Metal body with collapsible Steel handle
- In-built hand-driven brush less AC generator and static rectifies to supply Stabilized DC voltage
- Guard terminal to eliminate surface leakage current
- Moving coil movement, sintered anti-friction bearings and delrin-moulded gears ensures trouble free operation
- 70mm logarithmic scale conforming to IS 2992-1987
- Models in 500V or 1000V or 2500V or 5000V DC output available

### Specifications

Test standard	Is 2992-1987
Accuracy	+/-5% of Full Scale
Terminal Voltage setting at Rated Resistance	Within +/- 10% of rated voltage
Voltage stability at Rated Resistance Speed 160 to 240 R.P.M.	-2% to +4% of Terminal Voltage
High Voltage flash test	Withstand 2 KV AC(RMS) between the Electrical circuit & the handle for 1 min
Insulation Resistance	>50MOhms at 500v between electrical Circuit and the containing case
Dimensions	168x109x103mm (approx)
Weight	2.3kg metal body (NITM)
Standard Accessories	1. A pair of testing leads 2. Instruction booklet 3. Test Certificate 4. Carrying case

### Ordering Information

Model No.	Range	
	Insulation Resistance	Test Voltage
NITM-102	100-20MOhms	100V
NITM-10100	100-100MOhms	100V
NITM-5010	500-100MOhms	500V
NITM-10020	1000-200MOhms	1000V
NITM-100100	1000-1000MOhms	1000V
NITM 100200	1000-2000MOhms	1000V
ITHV-2550	2500-5000MOhms	2500V
ITHV-50100	5000-10000MOhms	5000V
ITHV-50200	5000-20000MOhms	5000V