



## METAL BODY

**Nippen Portable Earth Resistance Tester** are used for measuring of earth resistance and soil resistivity .

**The compact design** allows the use in industrial as well as household applications.

**Four terminal measurement system** avoids error due to spike and testing wires resistance.

**Model SET/DET** provide direct reading of resistance on the linear scale .

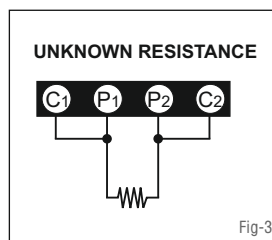
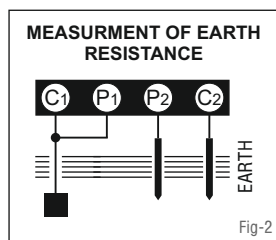
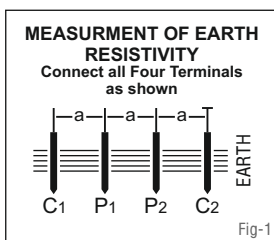
### Product Feature

- Confirms to IS 9223-1989
- Sintered anti-friction bearing provide smooth and maintenance free operation.
- Self contained instrument powered by built in hand operated generator
- Four terminals (Spike) method is incorporated for measuring resistivity of soil
- Direct reading of earth resistance in Ohms
- Rugged and sturdy instruments suitable for field application
- 70mm Logarithmic scale

**Specifications**

Accuracy	±5 of Full Scale
Terminals	4mm screw type.
Power Source	Models SET/ DET are provided with hand operated AC generator having delrin moulded gears, self lubricating sintered bearings, stainless steel collapsible handle with handle knob and housed in polycarbonate casing.
IS Standard	Models SET/ DET confirming to IS-9223 of 1989
Dimesions (approx.)	168x109x103mm (approx) for SET/ DET
Weight (approx.)	1.8 Kgs. For SET/ DET
Standard Accessories (Supplied with instrument)	Instruction Manual, Test Certificate, Carrying Case
Optinal Accessories (Supplied optional at extra charge)	Testing Kit Consisting of 1 Hammer, 4 Spikes, 1 screw driver, 5 bundle of wires with 15 feet length each
Scale length	70 mm Approx
Dielectric test	withstand 2kV AC(rms)
Insulation Resistance	>50 Mohms At 500V DC

**Connection Diagram**



**Ordering Information**

Model No	Range
SET 3	0-3Ω
SET 10	0-10Ω
SET 50	0-50Ω
SET 100	0-100Ω
SET 500	0-500Ω
DET 3-30	0-3/ 0-30Ω
DET 10-100	0-10/ 0-100Ω
DET 50-500	0-50/ 0-500Ω