

INTRODUCTION

This is a small, easy-to-operate insulation resistance tester using a transistor type stable voltage type DC-DC Converter. It enables the user to read promptly and directly the insulation resistance value of various electrical equipment and lines.

FEATURES

- Small, light-weight and easy-to-operate.
- Used is a core magnet type meter which is stable and little influenced by external magnetic field.
- It is economical since only four SUM-3 or R6 batteries can drive the tester.
- Has the AC Voltage range, it can measure the voltage of AC Lines
- The measuring switch can be locked so it is very handy to make continuous measurements.
- It has an LED lamp that glows intermittently when the output voltage is enabled, so that the user can know precisely whether or not any voltage exists. This also helps the user not to turn off the switch when the needle is locked.

GENERAL SPECIFICATIONS

- Power Supply** : SUM-3 or R6 (1.5V) x 4
- Accuracy** : Within $\pm 5\%$ of full scale
- Terminal to**
- Terminal Voltage** : $\pm 10\%$ of rated voltage for infinite scale
About 90% of rated voltage Center scale
- AC Voltage** : Within $\pm 5\%$ of maximum scale value
- Size** : 150 x 100 x 45 mm
- Weight** : About 350gms.
- Accessories** : Test lead with probe x 1 and test lead with clip x 1, instruction manual.

TECHNICAL SPECIFICATIONS

Model No.	Rated Voltage	Rated Insulation Resistance	Scale Range	AC Voltage	Usage
IT-1000	1000V	2000M Ω	0 - 2000M Ω	0 - 600V	General Insulation tests. The tests for high power equipment (e.g. high power apparatus for cable and communications apparatus)
IT-500	500V	1000M Ω	0 - 1000M Ω	0 - 600V	Insulation Tests for general equipment and electronic components



*Technical Specifications & Appearance are subject to change without prior notice