

Annexure II

Specifications

Special Purpose High Voltage Insulation tester

- Test voltages of 250V, 500 V, 1000 V, 2500 V, and 5000 V
- Capable of testing in 50V increments between 250V and 1000V and 100V increments between 1000V and 5000V
- Measurement capability of 0 to 1 Tera-Ohm along with bar graph representation.
- Warning voltage function alerts the user that line voltage is present and gives the voltage reading up to 600 V AC or DC , Input Overload protection to 1000V.
- Guard system eliminates the effect of surface leakage current on high-resistance measurements
- Leakage current 1 nA to 2 mA range
- Capacitance Measurement 0.01 μ F to 15.00 μ F range
- Ramp function (0-5000 V DC) for breakdown testing
- Timer 1 to 99 minutes
- Polarization index and dielectric absorption calculation
- Minimum 50 memory locations for storing measurements parameters
- Software for data acquisition and Optical Interface cable
- Rechargeable battery with Charger ,& Adapter .
- Three year warranty
- IEN61010-1 CAT III 1000V,CAT IV 600 V Safety certified,
- Electromagnetic Compatibilty to EN61326
- Dust / Water Proof – IP40
- Shock & Vibration : MIL-PRF-28800F, Class II