

	Technical specification
Output	1000v (in step 250v,500v,1000v) Test current 1mA
Accuracy	IR: +/- 3% OF READING
	Voltage: +/- 5% OF READING
Measurement Resolution	0.01 Mega ohm
Measurement Range	0.01 M ohm to 20 G ohm (Auto ranging & Digital)
Live Circuit Detection	inhibit test terminal voltage >30 V prior to initialization of test
Test lid & Accessories	Suitable clamp & connector and all accessories required for the smooth operation of kit to be provided. Further hard carrying case (robust/rugged) for ensuring proper safety of the kit during transportation shall have to be provided.
Design/Engg	The complete equipment along with complete accessories must be designed/engineered by original equipment manufacturer.
Power Supply	1 phase 230V +/-10%, 50 Hz +/-5% with standard socket & Internal rechargeable Battery
Operating Temperature	0 to +/- 50 degree celcius
Relative Humidity	Max 90% non condensing
Protection/ control	Against short circuit, over voltage, improper ground connection over load & transient surges, the kit should have alarm/cut-off features to protect instrument.
Weight	Easily portable
Display/control	Digital LCD/Keypad
Environment	The test kit shall be compatible for EMI/EMC/Safety Environment requirement as per IEC
Warranty	Minimum 1 year from the date of successful & complete commissioning at Powergrid, Kaniha, Angul station. All accessories are to be covered under standard warranty period. If the kit needs to be shifted to supplier's work for repair within warranty period, supplier will have to bear the cost of spare, software, transportation of kit for repair at test lab/works.
Calibration Certificate	Dully calibrated before supply and date of calibration shall not be more than two months from the date of supply of kit.
Commissioning & Training	Successful Bidder will have to commission the instrument and training to the satisfaction of Powergrid. The instrument failed during demonstration shall be rejected and no repairs are allowed.
After sale service	Supplier must produce Authorisation certification for both SUPPLY & After Sale SERVICE from OEM . After Sale service must be provided by the same Supplier only.