

AC High voltage test set

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I AC High voltage test set capable of giving output voltage 0-30 KV at 25mA capacity. The unit shall be in one part comprising of Control panel, Regulating Transformer, & H.V. Transformer.

Technical details:

Input:	240V, Single phase, 50 Hz. AC supply.
Output:	0-30 KV AC continuously variable with one end at earth potential.
Capacity:	25 mA.
Timer:	0-15 minutes woundable timer with Timer by-Pass Switch.
Control:	i) Motorized Regulating Transformer to Control the output. ii) Selector switch to select leakage current at 10/15/20/25 mA.
Metering:	Voltmeter: One moving iron panel type connected on HT side to indicate the output voltage. Scale: 0-30 KV AC.
Ammeter:	One moving iron panel type ammeter Connected on earth side to indicate the leakage Current on sample under test. Scale: 0-25mA.
Protection:	A fast acting DC relay will isolate the circuit when the current exceeds pre-set level.
Interlocking:	The unit will have zero start interlocking to avoid the transients on HV transformer and provision for cage door interlocking shall also be provided.
Termination:	The HT output on suitable HT insulator and other point at earth potential will be brought out on suitable insulator.
Control panel:	Shall be naturally air cooled type having main switch, fuses, indicating lamps for mains, HT 'ON, AC ON', KV & mA meters of 96 sq. mm, control Transformer, woundable timer 0-15 minutes, housed in a sheet metal body. It will also incorporate motorized Regulating auto transformer air cooled type.
HV Transformer :	The HV transformer will be made of silicon steel Lamination, wound with electrolytic grade copper and insulated with extra High quality insulating paper, air cooled type.

Accessories

Input, Interconnecting & Output power cables are not in the scope of supply. Interconnecting control cable of 5mtr length with due termination will be supplied. Guarantee The equipment is guaranteed against manufacturing defects for a period of 12 months from supply. This excludes normal wear and tear, breakage, burning, fusing, damages due to incoming power supply, improper handling, consequential and in-transit damages.