

Input	:	240 ± 8% Volts AC, 50 / 60 Hz, single phase.
Output	:	0-100 kV / 100 mA AC.
Standard	:	Meets the requirements of IS 2584.
Voltage source	:	Double wound oil cooled H.T. Transformer.
Output control	:	Continuously variable by motorized control.
Trip current	:	100 mA [adjustable between 20 to 100 mA].
Rating	:	15 minutes ON / 15 minutes OFF
Metering	:	Analogue linear scaled, 96 mm ² , moving coil rectifier operated kV Meter : 0-50-100 kV. mA Meter : 0-50-100 mA. Accuracy : ± 4% of full scale.
Protection	:	MCB, a fast acting D.C. relay isolates the H.T. if H.T. Current exceeds the set trip value.
Interlocking	:	Zero - start interlocking for H.T. output.
Auxiliaries	:	Mains switch, MCB, indicating lamps for MAINS ON, H.T.ON} and H.T.OFF. Push-buttons for H.T.ON and H.T.OFF contactor operated. Output 'Raise' and 'Lower push buttons.
Fault indication	:	Visual alarm at break down.
Termination	:	H.T. End on suitable insulator and other end at earth potential.
Enclosures	:	The unit will be in two parts: Control Unit : Houses switches, MCB, lamps, variac etc in a sheet metal case with uni-directional castors. H.T. Unit : Oil cooled step-up transformer, transformer tank fitted with heavy duty rollers.
Accessories	:	1. Mains wires 3 core, 2 meter long. 2. Inter connecting cable 5 meter long. 3. Instruction manual.
Optional extras	:	1. Timer. 2. Audio alarm at breakdown or HT ON. 3. HT test leads.

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