

AC TEST SET - 100 kV



High Voltage Test And Measuring equipment (AC Test Set) 100 kV, 20 kVA .

Consisting of :

SL. No.	DESCRIPTION	TYPE	QTY.
1.	HV Test Transformer Pri. 220 V, 50 Hz, Sec. 100 kV, 7.5 kVA continuous 20 kVA 1 Hr. on, 23 Hrs. off Partial Discharge < 3 pC upto rated voltage (100 kV	TEO 100/20	1
2.	Control Desk (Motorised)	CD 20	1
3.	Capacitor (Coupling / Measuring) 120 kV, 1000 pF PD < 3 pC	CK 120	1
4.	Voltmeter (AC peak--- 4.5 Digit, Digital Display)	DSM	1
5.	Flexible connector	HSV	1

Pre-despatch Tests at our Works on No-Load :

HV Transformer (Type TEO 100/20):

- a) No-Load and short circuit Tests
- b) HV withstand Test at 120 kV, 50 Hz, for 1 minute
- c) 5 flashover Tests at 100 kV
- c) Partial Discharge Test before and after the Test
(b) & (c) at 20 % Voltage Intervals

Capacitor (Coupling/Measuring) Type CK 120:

- a) HV withstand Test at 144 kV, 50 Hz, for 1 minute.
- b) Measurement of capacitance and $\tan \delta$ at 20% Voltage Intervals.
- c) Measurement of Partial Discharge at 20% voltage Intervals



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