

AC TEST SET - 300 kV



High Voltage Test And Measuring equipment (AC Test Set) 300 kV,150kVA

Consisting of :

SL. No.	DESCRIPTION	TYPE	QTY.
1.	HV Test Transformer Pri. 400 V, 50 Hz, Sec. 300 kV, 75 kVA continuous 150 kVA 1 Hr. on, 23 Hr. off Partial Discharge < 10 pC upto rated voltage (300 kV)	TEOK 300/150	1
2.	Control Desk (Motorised) With Oil cooled Auto transformer, Switching cabinet	SRP 0.5/75E	1
3.	Capacitor (Measuring) 300 kV, 100 pF PD < 5 pC	CM300	1
4.	Voltmeter (AC peak--- 4.5 Digit, Digital Display)	DSM	1
5.	Electrodes for Corona free operation of HV Transformer	EL 300	1

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

HV Transformer Type **TEOK 300/150**

- a) No-Load and short circuit Tests
- b) HV withstand Test at 330 kV, 50 Hz, for 1 minute
- c) 5 flashover Tests at 300 kV
- c) Partial Discharge Test before and after the Test (b) & (c) at 20 % Voltage Intervals.

Capacitor (Measuring) Type **CM 300:**

- a) HV withstand Test at 330 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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