

AC TEST SET - 500 kV



High Voltage Test And Measuring equipment (AC Test Set) 500kV,500 kVA

Consisting of :

SL. No.	DESCRIPTION	TYPE	QTY.
1.	HV Test Transformer RATED INPUT/OUTPUT VOLTAGE = 600V/500kV, 50Hz RATED TEST VOLTAGE = 550kV RATED OUTPUT = 500kV, 250mA(125kVA)Cont.duty 500kV, 1A (500kVA) 5min'ON', RATED PD LEVEL <10pC at Rated Voltage	TEOK500/500	1
2.	Control Desk (Motorised) With Oil cooled Auto transformer, Switching cabinet	SRP0.5/100E	1
3.	Capacitor (Coupling/Measuring) 500 kV, 1000 pF PD < 5 pC	CK500	1
4.	Voltmeter (AC peak--- 4.5 Digit, Digital Display)	DSM	1
5.	Electrodes for Corona free operation of HV Transformer	EL500	1
6.	Compensating Reactor	DEL400T	1

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

HV Transformer Type **TEOK500/500**

- a) No-Load and short circuit Tests
- b) HV withstand Test at 550kV , 50 Hz,
- c) 5 flashover Tests at 500 kV
- c) Partial Discharge Test before and after the Test (b) & (c) at 20 % Voltage Intervals.

Capacitor (Coupling/Measuring) Type **CK500**

- a) HV withstand Test at :550kV , 50 Hz,
- b) Measurement of capacitance and $\tan \delta$ at 20% Voltage Intervals.
- c) Measurement of Partial Discharge at 20% voltage Intervals.

