

## AC TEST SET - 250 kV



### High Voltage Test And Measuring equipment (AC Test Set) 250 kV, 125 kVA

#### Consisting of :

SL. No.	DESCRIPTION	TYPE	QTY.
1.	<b>HV Test Transformer</b> Pri. 400 V, 50 Hz, Sec. 250 kV, 62.5 kVA continuous 125 kVA 1 Hr. on, 23 Hr. off Partial Discharge < 10 pC upto rated voltage (250. kV)	<b>TEO250/125Z</b>	1
2.	<b>Control Desk (Motorised)</b> With Oil cooled Auto transformer, Switching cabinet	<b>SRP0.5/75E</b>	1
3.	<b>Capacitor ( Measuring)</b> 250,kV, 100 pF PD < 5 pC	<b>CM250</b>	1
4.	<b>Voltmeter (AC peak--- 4.5 Digit, Digital Display)</b>	<b>DSM</b>	1
5.	<b>Electrodes for Corona free operation of HV Transformer</b>	<b>EL 300</b>	1
6.	<b>Compensating Reactor</b>	<b>DEL250T</b>	1

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

##### HV Transformer Type TEO250/125Z

- a) No-Load and short circuit Tests
- b) HV withstand Test at 275 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 CM250:

- a) HV withstand Test at 275 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.



**W.S. TEST SYSTEMS PRIVATE LIMITED**

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