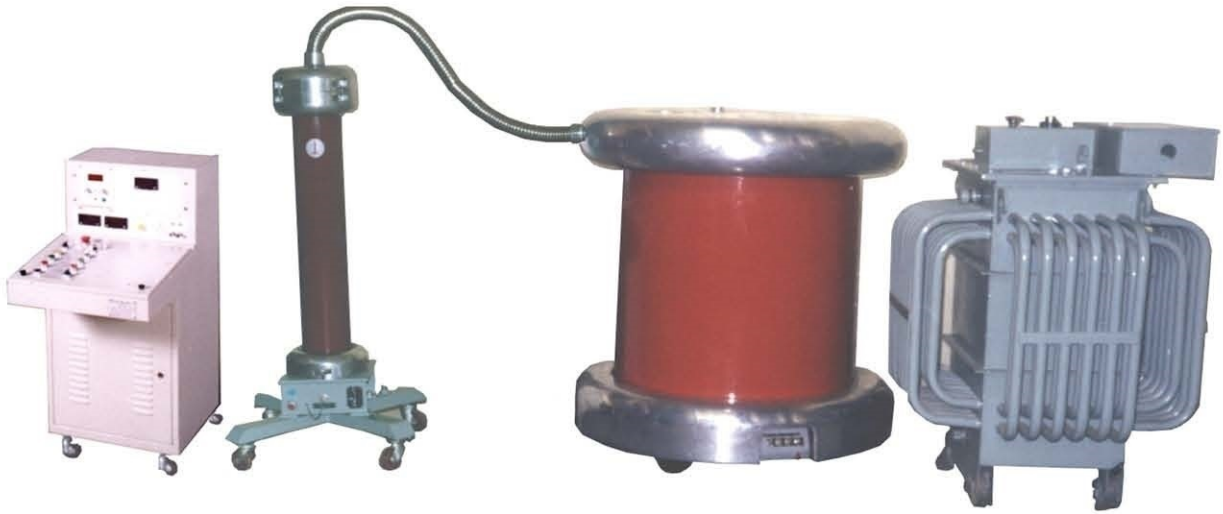


## AC-Test Set 100 kV



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

#### Consisting of :

SL. No.	DESCRIPTION	TYPE	QTY.
1.	<b>HV Test Transformer</b> Pri. 400 V, 50 Hz, Voltage Sec. 100 kV, 50 kVA continuous 100 kVA 1 Hr. on, 23 Hrs. off Partial Discharge < 5 pC upto rated voltage (100 kV)	<b>TEO 100/100</b>	<b>1</b>
2.	<b>Control Desk (Motorised)</b> With oil cooled Auto transformer	<b>CD20</b>	<b>1</b>
3.	<b>Capacitor ( Measuring)</b> 100 kV, 100 pF PD < 5 pC	<b>CM100-S</b>	<b>1</b>
4.	<b>Voltmeter (AC peak--- 4.5 Digit, Digital Display)</b>	<b>DSM</b>	<b>1</b>
5.	<b>Flexible connector</b>	<b>HSV</b>	<b>1</b>
5.	<b>Compensating Reactor</b>	<b>DEL100-T</b>	<b>1</b>

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

##### **HV Transformer Type TEO 100/100**

- 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 ( Measuring) Type CM100-S**

- a) HV withstand Test at 120 kV, 50 Hz, for 1 minute.
- b) Measurement of capacitance and  $\tan \delta$  at 20% Voltage Intervals up to rated voltage (100 kV).
- c) Measurement of Partial Discharge at 20% voltage Intervals up to rated voltage (100 kV)



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