

## **AC/DC HIGH VOLTAGE TEST KIT - SPECIFICATION**

Input Supply : 230V AC, 50Hz

Models : Following products are manufactured by us.

0 – 30KV AC-100mA / 40KV DC-50mA  
0 – 40KV AC-100mA / 50KV DC -50mA  
0 – 50KV AC-100mA / 60KV DC -50mA  
0 – 60KV AC-100mA / 75KV DC -50mA  
0 – 75KV AC-100mA / 80KV DC -50mA  
0 – 80KV AC-100mA / 80KV DC -50mA  
0 – 100KV AC-100mA / 100KV DC -50mA

### **High Voltage Transformer:**

Output Current

Capacity : 0.1A maximum

Conductor : Copper.

Type : Double wound

Cooling : Epoxy Moulded / Oil Cooled

Termination : By Epoxymoulded bushing

Input termination : By suitable terminals.

### **Control Unit:**

Input Supply : 230V AC, 50Hz.

Meters : 1 No. Digital KV meter will be provided.

1 No. Digital AC Milli Ammeter will be provided

Indications : Following indications will be provided.

1. Mains ON
2. HT On
3. HT Off
4. Variac Zero
5. Trip

Trip Setting : HT Transformer will be tripped in the following Current settings.

1. 20mA AC / 10mA DC
2. 40mA AC / 20mA DC
3. 60mA AC / 30mA DC
4. 80mA AC / 40mA DC
5. 100mA AC / 50mA DC

Audio Alarm : Whenever the unit is tripped, an audio alarm will come.

Timer : 1 No. Digital Timer will be provided to set the HV application time.

Other Controls : The following controls will be provided.

1. Mains On/OFF
2. Start Push Button
3. Stop Push Button
4. Reset Push Button
5. Trip Current Selection Switch

Output Adjustment: By suitable manual Variac.