

AS ELECTROTECH

Kolkata

AC HIGH VOLTAGE TEST SET *Model : ET/5000A*



RANGE : 10KV TO 25 KV



RANGE : 70KV TO 100 KV



RANGE : 30KV TO 60 KV

Special Features

● Mains ON/OFF switch ● Indicating lamps to indicate Mains ON ● Push button for H.T. ON & H.T. OFF ● Lamps to indicate H.T. ON ● Variable Auto Transformer for smooth & continuous variation of output voltage ● Lamps to indicate Over Voltage ● Memory device with Push Button switch to show the breakdown voltage even after the H.T. Circuit is "OFF" ● Zero Start Interlocking system

AS ELECTROTECH *Test Equipments For Quality, Accuracy & Reliability*

AC HIGH VOLTAGE TEST SET *Model : ET/5000A*

A.S.Electrotech make popular "AC HIGH VOLTAGE TEST SET" is ideal, reliable & accurate to test electrical strength of different Insulating Materials, Motor Winding Transformer, Ceramic H.V. Insulator, Cables and other different electrical components

TECHNICAL FEATURES :

Input: 230+₋10%V, OR 415+₋10%V (2PH. of 3PH.), 50HZ, AC as per order.

Output: 3KV. to 100K.V.AC. in different ranges

Capacity : 20mA to 1 Amp. maximum in H.V. side of different ranges.

Duty : Intermittent (i.e. 5 minutes "ON", 10 minutes "OFF")

Cooling : Resin-Cast, Air-Natural/Oil- Cooled.

Mode of Operation : The sets are available in both MANUAL or MOTOR-OPERATED as per Customer's requirement.

Unit: 1 (One) to 4 (Four) unit will be available as per capacity.

GENERAL ARRANGEMENT :

The set will be consisting of the following : H.T. Transformer, Control Circuit, Supply Input cable, Earthing Terminal. Instruction Manual with Circuit Diagram will be supplied alongwith the set.

H.V.TRANSFORMER :

Single Phase Copper Double Wound H.V. Transformer is used in the Test Set. The H.V. winding of the High Voltage testing Transformer is of graded insulation.

PROTECTION :

- Fuse in Incoming Side.
- Automatic Tripping Mechanism for protecting the H.V. Transformer against Overload as well as Short Circuit. Over Voltage protection is provided for Motorised set only.

METERING :

- (As per IS 1248 :1983) : One AC. K.V. Meter is provided to measure the output voltage connected in L.T. side and calibrated with H.V. output .
- One milliammeter is provided to measure the leakage current of the Test Object.

SAFETY MEASURES :

Zero Start Interlocking is provided to ensure that the H.V. Circuit cannot be energised unless the Variable Autotransformer is at Zero Position or brought back to zero position

OPTIONAL AT EXTRA COST :

- Digital meter
- Cascaded mode of the Test Set

A.S.Electrotech in a continuing effort to offer excellent products at a fair value & reserves the right to change models, specifications and designs to upgraded the own products.

Manufactured & Designed by :

AS  TECH