

30KV HVDC Test Set



Design Features & Technical Specification→

Function: Pressure testing of HV cables, switchgears and other electrical installation upto 30 KV.

Input: 230 Volts, ± 50 Hz AC single phase mains.

Output: 30KV DC continuously variable having negative HT output.

Capacity: Charging current upto 10 mA.

Features→

- Operational Safety by way of zero start interlocking for variable output KV metering from the high side. mA metering from the return leg.
- Instantaneous overload circuit breaker.
- Return wave protection on the high side.
- Transient and surge protection.
- HV DC output in full wave.
- Manual discharge.
- Auto Grounding.
- A steel net cover is provided on meters for protection.
- The test set is dry type and can be operated in any position (Vertical or horizontal).

Feature against Requirement→

- Built- in Auto Discharge
- 11 KV AC Back feed protection
- KV Meter holds the reading at breakdown KV.

Accessories→

- 10 Meter long shielded output with first sized clamp
- 10 Meter long input AC flexible chord with plug
- Covers for high voltage male and female sockets
- Housing of the set accommodates in itself HT and Mains leads and other accessories
- Discharge / Earthing rod with non-inductive resistance

Weight→ The set portable and so compact and light weight that it can be carried in hand by one person.

Weather Conditions→ The testing set is suitable for operation in all weather conditions.