

## SURGE GENERATOR SET

Model: T-1005(7)

### Technical Features

For fault location in L.T. and control cable.

For high voltage testing of L.T. cables.

Suitable to connect to Reflectometer for taking distance to the fault.

Good output power.

Compact small design.

Light weight.

Suitable to operate on mains (220-230/240 VAC, 45Hz up to 60 Hz) or portable generator.

Rugged steel body.



### Product Description

Instrument has been primarily designed to produce high voltage surges for pre-location of underground cable fault in combination with Reflectometer T-510.

The surges produced help in pinpointing the fault and tracing the route of the cable when used with acoustic DIGIPOINT surge generator generates D.C. high voltage for pressure testing of the underground cables to find out faulty phase and the breakdown voltage with leakage current.

It can also be used as limited burn down instrument

### Technical Specification

#### **Physical**

Dimension 450x450x450 mm (LxBxH)

Weight 60 kg approx

#### **General**

Supply Voltage 220-230/240 VAC, 45Hz up to 60 Hz

Output Voltage 0-5 KV DC

Output Power 750 Joules on 5 K.V.

Auto Discharge Built in

Surge Timing Manual / Auto (3 to 15 Sec. in auto mode)

Signal Output Built in for Reflectometer T-510

Operating Temperature -10°C to 50°C

Storage Temperature -10°C to 60°C

#### **Protection**

- Zero Start Interlock
- Range Interlock.
- Automatic Discharge.
- Over Load Protection.
- Over current Protection.

#### **Standard Accessories**

- High Voltage output cable 15 mts
- L.T. cable 15 mts.
- Earthing cable 15 mts.
- Discharge Rod 1 Pc.
- Discharge Rod lead 5 mts.

**Note: Dimension and Weight are subject to change without compromising on the safety and electrical specifications.**



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