

Technical Features

- Suitable for fault location in L.T. to 11 K.V.
- High voltage testing up to 16 KV DC.
- Limited Burning Capability.
- 500J Energy on 4, 8, 16 KV Range.
- Built in ICM & Decay Coupler for Reflectometer T-510.
- Suitable as thumper required for pinpointing of fault.
- 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 effective burn down instrument with 180mA current on 4KV range.

Technical Specification

Physical

Dimension 45 X 50 X 65 cm³

Weight 90 kg approx

General

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

Output

	Voltage Range	Short Circuit Current
I	0 - 4 KV	Up to 180 mA
II	0 - 8 KV	Up to 80 mA
III	0-16 KV	Up to 35 mA

Maximum Surge Energy 500 JOULES

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

Operation Condition

Operating Temperature -10°C to 50°C

Storage Temperature -10°C to 70°C

Protection

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

Standard Accessories

- High Voltage output cable 25 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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