

**Technical Features**

- Suitable for fault location in L.T. to 11 K.V.
- High voltage testing up to 20 KV DC.
- Limited Burning Capability.
- 800J Energy on 5, 10, 20 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 200mA current on 5KV range.

**Technical Specification**

**Physical**

Dimension	45 X 50 X 65 cm <sup>3</sup>
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**

	<b>Voltage Range</b>	<b>Short Circuit Current</b>
I	0-5 KV	Up to 200 mA
II	0-10 KV	Up to 80 mA
III	0-20 KV	Up to 35 mA

Maximum Surge Energy	800 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.**



**Techno Instrumentation (India) Pvt. Ltd**

E-mail: [info@tindia.net](mailto:info@tindia.net), [info@tiiindia.com](mailto:info@tiiindia.com)

Website: [www.tiiindia.com](http://www.tiiindia.com) , [www.tindia.in](http://www.tindia.in)

M): +91 9810535095, Tele fax:011-22112232