



## T-100 High Voltage Surge Generator

Surge voltage generators enable accurate location of high resistance, low resistance and intermittent faults on high, medium and low voltage cables.

Output voltage is continuously adjustable in the range 0 - 10 kV.

Discharging of high voltage capacitor into the faulty cable can be made continuously or cyclically via surge switch.

When the instrument is switched off, the connected cables and the surge capacitor is automatically discharged.

### Features:

- High surge voltage up to 10 kV
- Voltage is adjustable continuously
- kV-meter direct reading
- mA-meter direct reading
- High surge energy
- Automatic discharging device
- Electromagnetically operated surge switch
- Security control
- 3 selectable operating modes:
  - Single pulse
  - Cycle pulse
  - DC output

### Specification:

- Mains supply:  
230V  $\pm$  10%
- Mains frequency:

Kehui Power Automation Co.,Ltd

50Hz $\pm$ 10%

- Max. power consumption (at short circuit):  
1500W
- Max. output voltage:  
10kV
- Max. surge energy:  
500J
- Impulse interval:  
6s
- Max. DC output current:  
150mA
- Precision of the kV-meter:  
2.5
- Operating temperature range:  
-20 ° C to +50 ° C
- Weight:  
30kg
- Dimension(W x H x D):  
450 x 370 x 500mm

### **Delivery includes:**

- Surge Voltage Generator
- Impulse Capacitor:  
10 $\mu$  F@10kV
- Carrying Bag for Cable
- Mains Connection Cable
- HV Connection Cable
- Ground Line
- Discharge Rod
- Discharge Rod Lead
- User Manual