



## T-303 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 - 32 kV.

Discharging of the 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 32 kV
- Voltage is adjustable continuously
- Secondary Impulse Method and Impulse Current Method switch
- kV-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
- Control output for coupling of T-S100A

### Specification:

- Mains supply:  
230V  $\pm$  20%
- Mains frequency:

50Hz

- Max. power consumption (at short circuit):  
1500W
- Max. output voltage:  
32kV
- Max. surge energy:  
1000J
- Impulse cycle:  
4 - 30s adjustable
- Max. DC output current:  
50mA
- Precision of the kV-meter:  
2.5
- Operating temperature range:  
-20 ° C to +50 ° C
- Weight:  
40kg
- Dimension(W x H x D):  
450 x 370 x 500mm

### **Delivery includes:**

- Surge Voltage Generator
- Impulse Capacitor:  
2 $\mu$  F@35kV
- Carrying Bag for Cable
- Mains Connection Cable
- HV Connection Cable
- Ground Line
- Discharge Rod
- Discharge Rod Lead
- User Manual

Kehui Power Automation Co.,Ltd