

FPT15-I



◆ Introduction

FPT15-I Portable surge generator is designed for on-site testing of surge protective device and lightning strike counter. The surge generator is able to release max. discharge current 2.5kA, realized one-key operation of charging and discharging. Press the green “Start” button, the surge generator starts charging, the relay starts counting time until the device stop charging, while discharging. When time relay’s indication light off, the test end.

Note: Green “Start” button cannot be repeated click during testing.

◆ Characteristics:

- Portable type, small size.
- On site testing of lightning counter.
- Demonstration of SPD working.
- Realized one-key operation of charging and discharging
- Max. discharge current 2.5kA

◆ Panel Introduction

- Charging Time** Control surge generator charging time. The original setting display as 3S, output voltage is 1100V, output surge current is 2.5kA. If need to reduce output surge current, you can reduce the charge time, that is to adjust the time of time relay, it can accurate to 0.1S.
- Charging Voltage** Real-time voltage.
- Start** Control charging and discharging procedure.
- Test** Check the lamp ON or OFF before and after the test.
- Output** Output current waveform, testing surge protective device or other products.

1. General	
Dimension (L*W*D)	360 X 345 X 160mm
Weight	11kg
Case Material	steel
Operation Temp	0°C~40°C
Operation Humidity	≤75%
Storage Temp	-10°C~50°C
Power Supply	AC-220V

2. Technical data		
Allowable Tolerance of Impulse Current	Front time	8μs ± 10%
	Time to half value	20μs ± 10%
Surge current		2500A
Over-impulse range		<20%
Max Charging Voltage		1100V
Power consumption		50W
Charging Voltage Display		4 Digital LED display