

Portable Surge Protective Device Tester SPD T8 Tester

Surge Protective Devices Tester, SPD T8 Tester is designed for on-site testing of Surge Protective Devices (SPD). It allow to measures both the Nominal Voltage and Leakage Current of different SPDs according to IEC, IEEE, ANSI standards.

The tester can measure both type of main component inside SPDs, including :

- a). Voltage Limiting Type (MOV, TVS, Zener Diode).The SPD tester injects a constant current into the component and measure the Let-Through Voltage. Then, the tester can use this voltage to find out the leakage current of the component.
- b). Voltage Switching Type (Gas Discharge Tube, Solid Discharge Tube, Spark Gap). The SPD tester injects a constant current into the component and measure the Break Down Voltage of the component. What the tester



Technical Data

(i) General	
Dimension (Length x Width x Deep)	252mm × 121mm × 50mm
Weight	0.8kg
Case Material	ABS
Display	LCD 15mm Height Digit ²
Color	Light Grey Case , Red and Black tester rod
Operation Temp.	0°C ~ 40°C
Operation Humidity	≤ 75%
Storage Temp.	-10°C ~ 50°C
Power Supply	4 × 1.5V LR6 Alkaline Battery
Battery Life	500 measurements
(ii) Safety Parameter	
Maximum Overload Current	2mA
Maximum Output Voltage	≤ 1500V (No Load)
Case Protection Level	IP 65
Calibration cycle	Once a year (recommendation)

(iii) Technical Specification*

	Measurement Range	Range	Resolution	Accuracy
1mA DC	600V	50V~700V	1V	2% + 5
Reference Voltage	1000V	500V~1000V	1V	2% + 5
Discharge Voltage	600V	50V~800V	1V	2% + 5
	1000V	500V~1500V	1V	2% + 5
Leakage Current	0~199.9μA	2~199.9μA	0.1 μA	2% + 5

*Internal Buzzer beeps for each successful measurement.

Note: Subject to change without any notice.