



Surge protector Testers

T1000KE, SPT1003



T1000KE



SPT1003

These portable testers are designed to control the electrical parameters of the different types of surge protection components or devices, like gas tubes (GDT) , varistors (MOV) or voltage clamping diodes.

T1000KE tester

Designed for the DC sparkover test of the gas discharge tube, the T1000KE is a compact unit. Its digital display and single push-button for test make the measurement easy and accurate in all conditions. The tester T1000KE provides a wide range of voltage tests (from 0 to 999 Volts).

SPT1003 tester

This unit is designed to control all kinds of surge protective components (GDT, MOV, clamping diodes) or AC or data surge protective devices (SPD). It can test 2-pole (MOV, Diode, GDT), 3-pole (GDT) or 2-port (2 wires in, 2 wires out, earthing point = SPD). Extra feature of line continuity control (2-port SPD). Digital display.

- **Portable Testers**
- **Fast test process**
- **3-digit display**
- **For GDT, MOV, clamping Diodes and Surge Protectors.**

Characteristics

CITEL part number	T1000KE	SPT1003
Description	GDT tester	GDT, MOV, Diode, SPD tester
Test	Sparkover voltage	Sparkover and clamping voltages - Line continuity (<50ohms)
Display	Led 3 digits	Led 3 digits
Voltage range	0-999 V	0-999 V
Rise time of the test voltage slope	5000 V/s	5000 V/s
Precision	+/- 2 %	+/- 2,5 %
Operating temperature	-20/+50°C	-20/+50°C
Dimensions	150x93x29 mm	65x118x188 mm
Weight	0.36 kg	0.5 kg
Test leads	2 leads supplied (450 mm length)	5 leads supplied (1000 mm length)
Power supply	internal by 4 AA batteries	by 230Vac/14Vdc adaptater (supplied)
Life expectancy (before battery replacement)	20000 tests approx.	-