



# Surge protector Testers

## T1000KE, SPT1002



**T1000KE**



**SPT1002**

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).

### SPT1002 tester

This unit is designed to control all kind 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	SPT1002
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.	-