

SPD Component Tester ProSCT



Location of Use: Portable SPD Component Tester

Test Current

(MOV & ABD): 0.1 mA; 0.5 mA; 1 mA

Test Voltage: up to 1500VDC

Housing: Portable Design with or without case

Compliance: EN 61326-1:2013

IEC 61010-1:2010

Technical Data

ProSCT

IEC Electrical

Test Current (MOV & ABD)	I_{tc}	0.1 mA; 0.5 mA; 1 mA
Test Voltage DC (max)		1500V
Voltage Ramp (GDT)	t_A	100V/s; 1000V/s
Power Supply		Integrated rechargeable battery
		Lifetime: up to two years
MOV Measurement Error		1.5% +/- 2 digit counts
GDT Measurement Error		3.5% +/- 2 digit counts (1 kV/s)
		1.6% +/- 2 digit counts (100V/s)
Component Connection		Auto-detect
Number of Ports		1

Mechanical & Environmental

Operating Temperature Range	T_a	+14 °F to +122 °F [-10 °C to +50 °C]
Degree of Protection		IP 20 (built-in)
Housing Material		Thermoplastic: Extinguishing Degree UL-94-HB ABS
Operating State/Display		320 × 240 pixel TFT Color with Touch Screen Interface
		MOV, GDT, TVS Measurement, LOG Mode, Auto Detect, Date of Event

Order Information

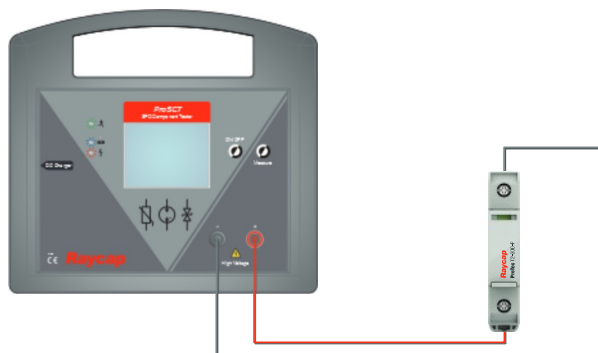
Order Code		
ProSCT		130 571
ProSCT (with Suitcase)		130 572

ProSCT

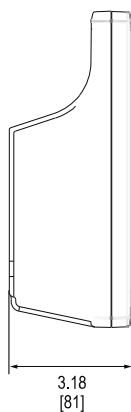
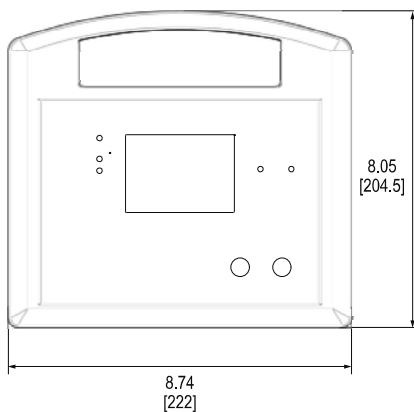
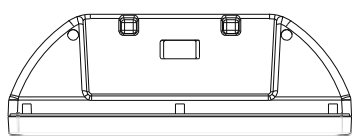
Typical Installation

The ProSCT SPD Component Tester tests the components commonly used in surge protective devices, such as Gas Discharge Tubes (GDT), Metal Oxide Varistors (MOV), and Transient Voltage Suppressors (TVS).

It is a portable, battery operated instrument with an integrated battery charger housed in a robust enclosure. The instrument features a 320 × 240 pixel TFT color display with touch screen interface.



Complete Unit



Complete Unit Dimensions & Packaging

ProSCT

Weight	pounds [grams]	2.43 [1100]
Packaging Dimensions (H × W × L)	Suitcase: 4.5 × 10.1 × 14.3" [115 × 256 × 363 mm]	
Standard Order Quantity	1 Unit	

Accessories



SPD Adapter

Connections towards SPD tester	Banana Jack
Connections towards SPD modules	Old SPD flat contacts, NPE bullet contact, 2 New SPD spring contacts (for 1TE and 2TE modules)
Operating temperatures	-10 °C to +50 °C
Enclosure Dimension (L × W × D)	2.3 × 4.3 × 2" [60 × 108 × 52 mm]
Weight	pounds [grams] .38 [175]

Order Information

Order Code	
SPD adapter	130 573

