

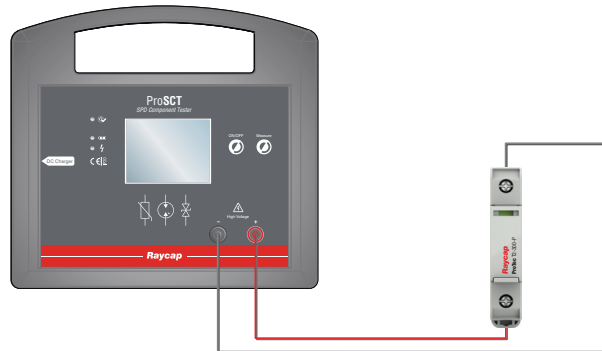
DATA SHEET ProSCT



Features

- Measurement of MOVs, GDTs and TVSs
- Test GDTs and MOVs up to 1500VDC
- Auto-detects type of component connected
- Displays list of successive measurements using LOG Mode
- Color TFT display and touch screen interface
- Rechargeable battery included

Typical Installation

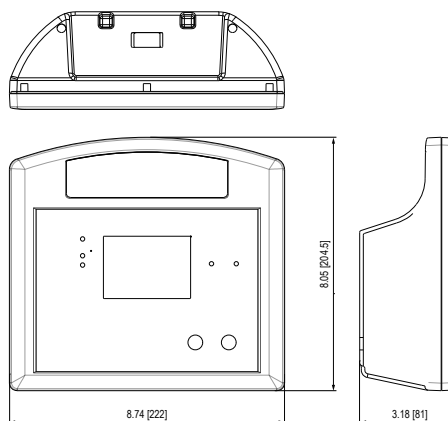


The ProSCT (SPD Component Tester) tests the components commonly used in surge protective devices, such as Gas Discharge Tubes (GDT), Metal Oxide Varistors (MOV), and Transient Voltage Suppressors (TVS).

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.

Technical Data

Electrical	
ProSCT	130 574
ProSCT in Suitcase	130 576
ProSCT in Suitcase with SPD Adapter	130 572
MOV & ABD Test Current	0.1 mA; 0.5 mA; 1 mA
GDT Voltage Ramp	100V/s; 1000V/s
Maximum Test Voltage	1500VDC
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)
Mechanical	
Operating Temperature (°C)	-10 °C to +50 °C
Enclosure Material	UL-94-HB ABS
Environmental Ingress Protection (IP) Rating	IP 20
Packaging Dimension (L × W × D) - Suitcase	4.5" × 10.1" × 14.3" [115 × 256 × 363 mm]
Weight	2.43 lbs [1100 g]
Standards Compliance & Certifications	
Standards	EN 61626-1 IEC 61010-1
Certification	RoHS, CE
Product Diagram	



Features

- Connected to the ProSCT instrument via means of cable with banana jack plugs
- Four connection sockets for different types of SPD modules
- Typical width of SPD modules is 1TE or 2TE (2TE width available only for New SPD spring contacts)

Typical Installation



The ProSCT SPD adapter is intended as an accessory for the ProSCT (SPD Component Tester). It is used to interface a DIN rail base assembly to the ProSCT instrument. The base assembly is designed to accommodate various generations of Raycap SPD modules.

Technical Data

inches [mm]

Electrical	
SPD Adapter	130 575
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
Packaging Dimension (L×W×D)	4.0"×2.5"×4.3" [102×64×110 mm]
Weight	.38 lbs [175 g]
Standards Compliance & Certifications	
Standards	IEC 61010-1
Certification	RoHS, CE
Connections	

