



Electrostatic Discharge Simulator

EDS 10AT

■ ECSS-E-ST-20-07C

Features

- > 3.5-inch color touch panel control
- > Max. test voltage is 12 kV
- > Compact and portable in size

Introduction

The EDS 10AT electrostatic discharge simulator is a newly launched product by 3CTEST. With a max. test voltage of 12 kV, it is equipped with a 3.5-inch color touch panel control screen. Compact and portable body design.

As an ESD pulse radiation interference test device, the EDS 10AT provides an efficient and reliable solution for evaluating the anti-interference performance of electrical and electronic products.

Application Areas



Technical Parameters

Voltage Range	1 kV ~ 12 kV ($\pm 5\%$)
Voltage Resolution	0.1 V step
Polarity	+, -, + than -
Control Mode	Touch screen
Repetition Interval	1s ~10 s
Trigger Mode	Automatic
Pulse Counter	1 s ~ 999 s
Output Port	4 mm banana plug
Peak Current	≥ 80 A (10 kV)
Discharge Current Rise Time	5 ns ~ 40 ns
Discharge Pulse Width	30 ns ~ 400 ns
Discharge Electrode Material	Graphite
Discharge Electrode Tip Gap	≥ 1 mm

General Parameters

Display	3.5-inch color screen
Working Power	AC 100 V ~ 240 V ($\pm 10\%$) 50/60 Hz
Fuse	6 A
Max. Power Consumption	100 W
Language	English
Brightness Setting	0 ~ 100%
Instrument Grounding Connection	4 mm banana plug
Dimensions	207 (W) *160 (H) *310 (D) mm
Weight	Approx. 5 kg
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

User manual, Test Cable, Power Cord, Grounding Wire, Fuse, Plug-alligator Clip, Discharge Test Stand EDS 10AT DTR

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3CTEST is always striving for product innovation and quality improvement. Product appearance and technical specifications are subject to change without further notice.