

ESD Generator

ESD-202E 【Introduction】



The ESD-202E ESD Generator is an intelligent touchscreen electrostatic discharge generator developed, featuring mature technology and ergonomic, lightweight design. With its powerful testing capabilities and excellent discharge characteristics, it provides users with a reliable basis for electromagnetic compatibility testing.

Compliance Standards

IEC 61000-4-2 、 IEC 61000-4-2 Ed.2 、 GB/T 17626.2 、 ISO 10605 、 ITU-TK20 、 IEC/EN 61000-6-1/-2 、 IEC/EN 61326 、 GR 1089

Application Fields

Industrial equipment, power meters, automotive electronics, medical devices, lighting fixtures, communication transmission equipment, audio-visual equipment, low-voltage electrical appliances, electronic components, electric tools, information technology equipment, railway and aerospace electrical appliances, instrumentation, coating processes, connector products.

Technical Features

- ◆ Complies with the requirements of IEC 61000-4-2 and GB/T 17626.2 standards ;
- ◆ Features a high-contrast color touchscreen control interface that enables automatic polarity alternation, voltage ramp testing, test level stepping, and other functions ;
- ◆ Professional anti-interference design ensures more stable operation of the equipment ;
- ◆ Built-in IEC standard settings and user storage modes allow for one-button power-on testing ;
- ◆ Available in both Chinese and English interfaces, with a wide range of power supply options to meet the testing needs of users in different regions.

Parameter List

Specification Model	ESD-202E
Output Voltage	0.1 ~ 20 kV ±5%
Polarity of Output Voltage	Positive, Negative, and Automatic Polarity Alternation
Standard Discharge Resistance and Capacitance Configuration	330 Ω±5%/150 PF±10%
Rise Time of Discharge Current	0.6 ns ~ 1 ns
Testing Function	Single Shot, Counting, Air Discharge, Contact Discharge IEC Level, Voltage Step-up, User Storage
Trigger Mode	Automatic 、 Manual
Discharge Count	1 ~ 9999 times
Discharge Interval	0.05 s ~ 10 s
Display Interface	Color Touch Screen
Power Supply	AC 176 ~ 277 V 50/60 HZ