

ESD61000-2 Electrostatic Discharge Simulator



ESD simulator (Electrostatic Discharge Generator or Electrostatic Gun) is in full compliance with IEC 61000-4-2, EN61000-4-2, ISO10605, GB/T17626.2, GB/T17215.301 and GB/T17215.322. The ESD generator is designed for the assessment of electrical and electronic equipment to withstand ESD performance. ESD61000-2/ESD61000-2A has LCD display in both English and Chinese, they equipped with an infrared remote control which can allow you do the test in some special place.

Specifications:

Product Model	ESD61000-2	ESD61000-2A
Output Voltage	0.1~20kV±5%	0.1~30kV±5%
Polarity	Positive/Negative	Positive/Negative
Energy Storage Capacitance	150pF±10% (Replaceable)	150pF±10% (Replaceable)
Discharge Resistor	330Ω±5% (Replaceable)	330Ω±5% (Replaceable)
Current Rise Time	0.6~1ns	0.6~1ns
Testing Functions	Single, Count, 20pps, Air, Contact, IEC level	Single, Count, 20pps, Air, Contact, IEC level
Trigger Mode	MANUAL/AUTO	MANUAL/AUTO
Numbers of Discharge	1~9999	1~9999
Repetition	0.05s~99.99s	0.05s~99.99s
Working Power	AC220V(Option 110V)±10%, 50/60Hz	AC220V(Option 110V)±10%, 50/60Hz

Calibrate Report:

Output Voltage (kV)	First Peak Current (A)	Current at 30ns (A)	Current at 60ns (A)	Rise Time (ns)
2	7.29	4.10	2.20	0.93
4	15.40	7.90	4.30	0.97
6	23.20	12.10	6.50	0.97
8	29.40	16.20	9.30	0.89
-2	7.39	3.50	2.30	0.92
-4	15.50	7.70	4.30	0.89
-6	23.40	11.90	6.30	0.90
-8	31.80	16.10	8.20	0.90

