

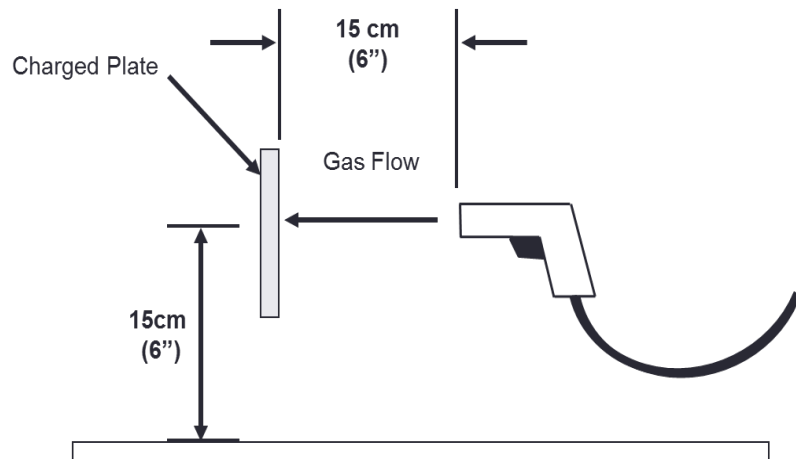
Performance Test

AirForce Ionizing Blow-off Gun

Product:	Model 6115 AirForce Ionizing Blow-Off Gun
Performance Test	Per Section 6.4 of ANSI/ESD STM 3.1
Test Conditions	
Test Equipment	Simco-Ion Charge Plate Monitor Model 280A (S/N 63507)
Test Environment	18°C, 39% RH
CDA Pressure	20 PSI & 30 PSI
Distance from Test Unit to CPM	15 cm (6")

The Simco-Ion, Technology Group's Model 6115 AirForce Ionizing Blow-off Gun was tested at 20 PSI and 30 PSI using Section 6.4 of ANSI/ESD STM3.1. Three tests at each pressure were performed. Data from this testing is included below.

The Model 6115 AirForce Ionizing Blow-off Gun meets the requirements of ANSI/ESD S20.20 with peak offset voltages <35 volts.



Performance Test Location Diagram

Air Pressure (PSI)	Test #	+1 kV to +100V Discharge Time (seconds)	-1 kV to -100V Discharge Time (seconds)	Vavg	+Vp	-Vp
20	1	0.6	0.7	1.3	28.8	-26.3
	2	0.5	0.7	-0.2	27.8	-27.4
	3	0.7	0.7	0.5	27.0	-26.2
30	1	0.4	0.5	-1.0	19.2	-23.3
	2	0.4	0.5	-1.4	26.0	-29.3
	3	0.4	0.5	0.9	23.2	-21.9

If you have any questions or need assistance, please contact Customer Service.