

# Ionizing Air Cartridge



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## Maintenance Free Ionizing Cartridge Model 6110/6110A

Simco-Ion's Maintenance Free **Ionizing Cartridge Model 6110/6110A** controls static charge in production, packaging, laboratory and other environments where static build-up can cause contamination, ESD, material handling problems or microprocessor lock-up. Compact and rugged, the cartridge can be used either for in-line ionization or as an ionizing blow-off gun. For in-line use, connect the 6110 to a compressed air source and it is ready to ionize any type of production equipment. Or attach the 6110 to an ordinary air gun and the airstream is ionized for effective particle removal. An internal sensor initiates ionization only when the gun is triggered, ensuring on-demand control of static charge.



- IsoStat® technology
- Internal air flow sensor (Model 6110A)
- Shielded emitter points
- Compact size
- Optional blow-off gun kit

Input Voltage	24 VAC, <1W from transformer
Power Source	Wall transformer 120 VAC (powers up to 10 units); 100 VAC and 230 VAC models available
Indicators	Power green LED
Ion Emission	Steady state DC
Emitter Points	Tungsten alloy, estimated life 5 years of continuous use
Ion Balance	Better than $\pm 25V$ @ 6 in. (15.2 cm)
Discharge Time	$\pm 1,000$ to 100V, <4 sec; tested in accordance with ANSI/ESD STM3.1-2000
Airflow Requirements	At least 2 scfm
Air line Requirements	1/4 in. NPT female (input and output); 1/8 in. NPT adapter available
Internal Sensor	Turns ionizer off when air is not flowing (Model 6110A only); model without sensor also available for continuous flow applications
Dimensions	2.2D x 3.1L in. (5.6D x 7.9L cm) not including fittings
Weight	6 oz (170.1g)
Warranty	2 year limited warranty
91-6110	Model 6110 Air Cartridge Ionizer
92-6110-US	Model 6110 Air Cartridge Ionizer;120V wall transformer

<b>91-6110A</b>	Model 6110A Air Cartridge Ionizer with airflow sensor
<b>92-6110A-US</b>	Model 6110 Air Cartridge Ionizer with air flow sensor; 120V wall transformer
<b>91-6150</b>	Optional air gun/hose kit
<b>14-1306</b>	100 VAC transformer (requires power cord)
<b>14-1310</b>	120 VAC wall transformer (no power cord required)
<b>14-21570</b>	230 VAC transformer (requires power cord)

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