



AirForce™ Ionizing Blow-off Gun

Model 6115



The powerful ionizing blow-off gun that works with you—not against you.

Features

- Ergonomic gun design
- Flexible, lightweight air hose with integral low voltage power cable
- Replaceable emitter point assembly and quick-eject filter
- Strong blow-off force
- Steady-state DC ion emission
- IsoStat® technology
- Durable static-dissipative materials

Benefits

- Reduces fatigue and wrist hyperextension
- Moves with operator and does not interfere with work
- Minimizes maintenance downtime
- Effective removal of particle contamination
- Fast discharge times; efficient ion delivery
- Intrinsically balanced; no calibration needed
- Holds up to high impact; ESD-safe

Easy Operation

The AirForce was designed with the operator in mind. The AirForce's lightweight, flexible air hose—just 3/8" in diameter—moves with the operator and makes work easier. No high voltage cable means improved operator safety. The gun's ergonomic design—with a light touch trigger and easy-view LED—minimizes fatigue and eliminates wrist hyperextension. The compact console can be mounted anywhere, so it doesn't take up valuable workspace but is still easily accessible. To make the work environment more pleasant, the AirForce also features low audible noise.


Maximum Performance

Strong blow-off power makes the AirForce effective in removing particle contamination. Steady-state DC ion emission provides efficient ionization with an average discharge time of less than 1.0 second. Results are even better because Ion's patented IsoStat technology means static charge is controlled with constantly balanced ionization.



Static Clean International • 15 Adams St., Burlington, MA 01803
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Model 6115 Ionizing Blow-Off Gun **Specifications**

Audible noise	70 dBA at @ 1 m, 30 psi
Conducted EMI	29 dB μ V; Average level 100 KHz to 1.1 MHz
Ozone	<0.005 ppm (24-hour accumulation); conforms to OSHA requirements
Blow-off force	41 grams at 30 psi; measured at 3" from a 2" diameter target
Discharge time	\leq 1.0 seconds at 6", 30 psi
Balance	\pm 30 volts
Warranty	2-year limited warranty
Certifications	CE ; UL ; 


Hand Unit

Construction	Static-dissipative polycarbonate
Ion indicator	Green LED indicator
Ion emission type	Steady-state DC
Emitter points	Tungsten emitter points
Air hose	Static-dissipative polyurethane, 3/8" outside diameter; 7' (213.4 cm)/65 psi
Gun hanger	302 stainless steel; optional mounting stand for hands-free operation
Dimensions	8.0"L x 3.0"W x 1.0"D
Weight	12 oz (341 g) with 7' air hose

Console

Construction	Static-dissipative polycarbonate
Power requirements	24 VAC, \leq 10 watts powered from wall transformer
Power indicator	Green LED
Gas input	20-65 psi, Clean Dry Air or Nitrogen
Gas connection	1/4" Male Industrial Interchange quick disconnect
Air filter	99.9% efficient, 0.1 micron or larger
Mounting	Metal mounting plate attaches to back of unit
Dimensions	8.5" x 3.0"W x 1.6"D (21.6 x 7.6 x 4.1 cm)
Weight	11.5 oz (326 g)

Wall Transformer

Input options	120 VAC, 50/60 Hz, 32 watts; alternate transformers available for 100 VAC and 230 VAC operation
Output	24 VAC, 1.0 amp
Cabling	10' cable with RJ-11 connectors; custom lengths available
Dimensions	3.2"H x 2.6"W x 1.9"D (8.1 x 6.6 x 4.8 cm)
Weight	16 oz (454 g)
Certifications:	



The AirForce is lightweight, flexible and easy-to-use. With strong blow-off power the AirForce is effective in removing particle contamination

High Reliability

IsoStat technology also guarantees that the AirForce is calibration-free and requires little maintenance when used with CDA or nitrogen. When the air filter or emitter points need replacement, they snap in and out in less than a minute—reducing gun down-time and improving long-term performance. To avoid replacement costs, the AirForce is made from durable polycarbonate that holds up to high impact. The gun body, air hose and control console are static-dissipative and ESD-safe. And an extremely low EMI level ensures the AirForce won't interfere with other electronic equipment or operations.

Patented IsoStat Technology

Ion's patented IsoStat technology guarantees intrinsically balanced ionization and eliminates complicated feedback circuits. Ionizers incorporating this technology never need calibration and require very little maintenance. IsoStat is based on a law of physics, Conservation of Charge, which states that charge cannot be created or destroyed in an isolated system. By isolating the ionizer's emitter points from ground, IsoStat ensures equal numbers of positive and negative ions.

Options

Optional mounting stand	33-6115
Foot switch	91-6115SWT
Emitter point replacement kit	91-6115T-EMT
Replacement filter pack (3)	91-6115FLT
100 VAC Transformer	14-1306
120 VAC Transformer	14-1310
240 VAC Transformer	14-1523
Euro power cord	25-0735
UK power cord	25-0710



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