

Airflex Ionizer



Model IN4000

Ptec™ Airflex Ionizer

Piezo AC Ionization: Powerful, Balanced and Precise

Features

- Ptec™ Technology
- High Frequency AC (68KHz) ion emission
- Flexible, with multiple nozzle options
- Alarm indicator
- Foot switch operation and .01 micron filter

Benefits

- Inherently stable output. Does not require calibration
- Reduces emitter cleaning. Extends emitter life. Dense ion output
- Easy to service emitters
- Red output alarm illuminates to alert high voltage failure
- Delivers clean air at the correct pressure for each application, when needed

Ptec™ Stability

The IN4000 Airflex ionizer combines exceptionally fast static decay capability with excellent balance stability, all in a small footprint. Designed to protect most static sensitive devices, the IN4000 uses a specialized piezoceramic technology that makes all the Ptec™ ionizers so reliable.

Maintenance Savings

Ptec™ ionizers save time and money because they require no calibration. Emitter life is increased and maintenance frequency is reduced, due to 68KHz AC ion emission.

Model IN4000 Ptec™ Specifications

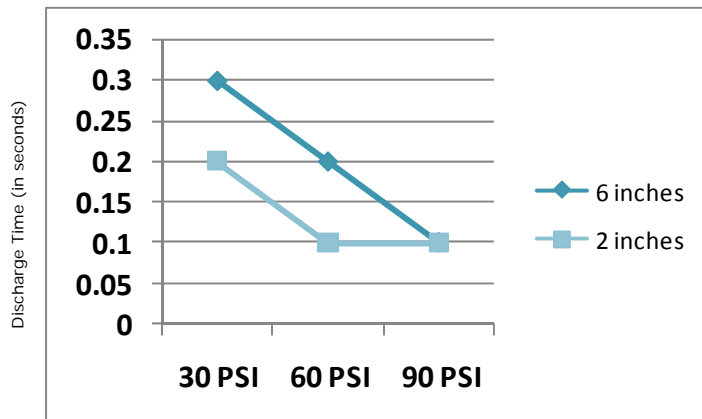
Power Input	AC 100V~240V, 50/60Hz
Power Outlet	un-fused, 0.5A or 1.0A max.
Ion Emission	AC, 68KHz
Balance	±10 volts
Decay Time	1000V—100V, < 2 seconds @ 12"
Temperature	66-78°F (19-25°C)
Humidity	20-60% RH (non-condensing)
Air Pressure	10—100 PSI, CDA or N2
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch, Footswitch
Mounting	Table mount
Emitter Points	Tungsten Alloy
Dimensions	12"H x 5.75"W x 7.25"D, (30.5 x 14.6 x 18.5 cm)
Filter Option	.01 micron filter (replaceable)
Weight	2.8lbs, (1.27kg) (including stand)
Warranty	1-year limited warranty
Certifications	Pending Certifications

Ptec™ Focused Air Ionization

A specialized piezoceramic high voltage transformer drives the technology making Ptec™ ionizers among the most reliable ionizers available. The model IN4000 fixed position static eliminator produces a 68KHz AC output of approximately 2200V and a continuous stream of balanced air ions. Stable, small and lightweight, Ptec™ products detect and alarm if the high voltage output fails.

Ionizers that use Ptec™ technology do not require calibration and only minimal maintenance.

The replaceable filter on the IN4000 assures a clean flow of ionized air



Offset voltage and discharge time per ESDA standard S3.1 using a charged plate monitor with a 20pF, 6" x 6" plate. Typical results. 1000 to 100 volts.

About Transforming Technologies

Since 1998, Transforming Technologies has helped electronic manufacturing facilities to protect their products and processes from the many serious problems associated with static electricity.

Transforming Technologies offers a wide range of unique and outstanding products to detect, protect, eliminate and monitor electrostatic charges. Our products are integral components of an effective static control program.



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Outstanding Alternatives in Static Control