

# 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

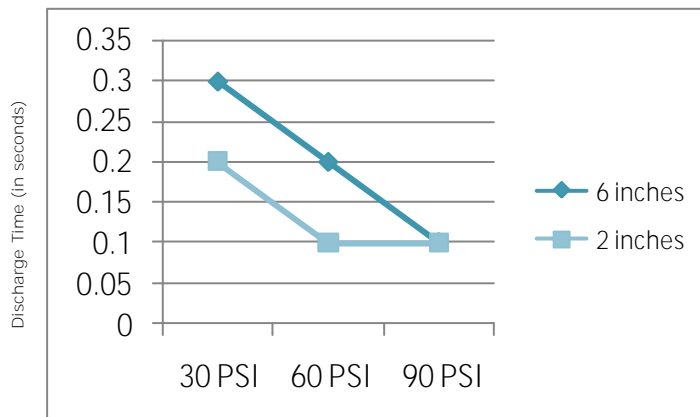
Power Input	AC 100V~240V, 50/60Hz
Power Outlet	un-fused, 0.5A or 1.0A max.
Ion Emission	AC, 68KHz
Balance	±30 volts
Decay Time	1000V—100V, < 2 seconds @ <b>12"</b>
Temperature	66-78°F (19-25°C)
Humidity	20-60% RH (non-condensing)
Air Pressure	10—100 PSI, CDA or N2
Indicators	Power: Green LED, Alarm: 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 replace-able 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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