

# *Ionizing Air Gun*



Model IN6430

*Ptec™ Ionizing Air Gun*

## *Piezo AC Ionization: Powerful, Balanced and Precise*

### *Features*

- **Ptec™ Technology**
- High Frequency AC (68KHz) ion emission
- A single integrated Air/Power cable with strain relief at gun and controller
- Up to 75 psi air input
- Alarm indicator

### *Benefits*

- Inherently stable output. Does not require calibration
- Reduces emitter cleaning. Extends emitter life. Dense ion output
- Easy to use. Power cables protected for long life. Never messy.
- Strong blow-off force, effective particle removal.
- Red output alarm illuminates to alert high voltage failure

### **Ptec™ Stability**

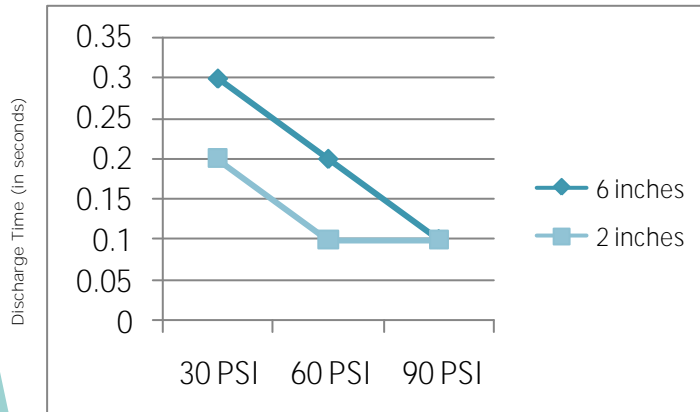
The IN6430 ionizing air gun is outstanding in design and performance. Easy to hold and operate, the IN6430 is simple to set up and use. Designed to protect most static sensitive devices, the IN6430 uses a specialized piezoceramic technology that makes all the **Ptec™ ionizers so reliable.**

### *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 IN6430 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	20—75 PSI, CDA or N <sub>2</sub>
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch
Mounting	Mounting holes on controller
Emitter Points	Tungsten Alloy
Dimensions	
Hand Unit	8.5"H x 4"W x 1"D, (21.6 x 10.2 x 2.5 cm)
Console	3.5"H x 6.25"W x 1.5"D, (8.9 x 15.8 x 3.8 cm)
Filter Option	.01 micron filter (replaceable)*
*Note: Unit also may be operated without filter.	
Weight	
Hand Unit	<b>12 oz. (.341 kg) with 9.5' air hose</b>
Console	1 lb. (.45 kg)
Gas Input & Connection	20—75 psi, CDA or N <sub>2</sub> , <b>1/4" male industrial interchange quick disconnect or 1/4" quick release tube fitting</b>
Warranty	1-year limited warranty
Certifications	Pending Certifications



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.

**Ptec™ Focused Air Ionization**

A specialized piezoceramic high voltage transformer drives the technology making Ptec™ ionizers among the most reliable ionizers available. The model IN6430 ionizing air gun 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 IN6430 assures a clean flow of ionized air



*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*