

## PTEC™ Ionizers

### IN6200 Quick-Connect Ionizing Gun

**The Quick-Connect ionizing gun is a point-of-use static neutralizer that removes charges as well as dust and debris.**

The PTEC IN6200 ionizing gun is a lightweight but durable static removal gun. It provides superior control and targeted particulate clean up for a wide variety of industrial applications. As a forceful neutralizer and blow-off gun, IN6200 easily removes stubborn particulate from surfaces. As a neutralizer, the IN6200 gets rid of troublesome charges responsible for the attraction of contaminants to product surfaces.

The IN6200 is designed for the user's comfort with its flexible cord and easy-to-use trigger switch. The controls are integrated into the gun body, including ionization monitoring light, replaceable long-lasting air filter and air output regulator. The cable is protected by a heavy vinyl covered metal shielding. The included power supply mounts with ease above or below the worksurface. The unit's "shockless" design prevents users from experiencing uncomfortable shocks if the ionizing point is touched. The IN6200 accepts both compressed air or inert gases, including nitrogen.

We eliminate high voltage cables by locating the power supply in the ionizing gun handle. Our OSHA compliant emitter nozzle protects both the operator and ionizer. Emitter contamination and wear are virtually non-existent with AC ionizing guns.

The ionizer is made with fiberglass reinforces plastic which is sturdy, durable and built to withstand manufacturing applications.

#### **Applications:**

**The IN6200 is designed to neutralize electrostatic charges in personal bench top environments, sensitive materials assembly, SMT, Electronics Assembly, Automotive packaging, clean room and laboratory environments.**

This document is prepared for our customers as a service, and is to the best of our knowledge true and accurate. However, it is understood and agreed by the users of this document that we will accept no liability for the conclusions reached. Users of this document may therefore wish to perform additional testing before determining that products mentioned are suitable.



#### **Features**

- Point-And-Shoot Precision Ionization
- Durable, Impact Resistant Fiberglass Reinforced Fiberglass Plastic Case
- Quick-Disconnect Air Fittings
- Inherently Stable Ptec™ Technology
- Dense Output of High Frequency AC (68KHz) Ion Emission
- Single Integrated Air/Power Cable with Strain Relief Protects Cables.
- Ergonomic Handle Design
- ESD Dissipative House & Plastic Body
- Filter Included

## Ptec™ Stability

IN6200 uses Ptec™, a specialized piezoceramic technology, to create a high frequency AC ionizing output with exceptional balance and decay performance. A specialized piezo-electric high voltage transformer makes Ptec™ ionizers among the most reliable ionizers manufactured. Small, lightweight and stable, Ptec™ products are designed to remain in balance and to alarm when the HV output affects performance. The model IN6200 static eliminator produces a 68KHz AC output of approximately 2200V and a continuous stream of balanced air ions.

Ionizers that use Ptec™ technology do not require calibration\* and only minimal maintenance. AC technology to produce a balanced output of air ions (+/-15 volts) with lower maintenance requirements than DC ionizers. Emitter contamination and wear are virtually non-existent with AC ionizing guns.



### Model IN6200

<b>Power Input</b>	100-240input /24v DC
<b>Power Outlet</b>	un-fused, 0.5A or 1.0A max.
<b>Ion Emission</b>	AC, 68KHz
<b>Balance</b>	±30 volts
<b>Decay Time</b>	1000V—100V, < 2 seconds @12"
<b>Temperature</b>	66-78°F (19-25°C)
<b>Humidity</b>	20-60% RH (non-condensing)
<b>Air Pressure</b>	20—75 PSI, CDA or N <sub>2</sub>
<b>Air Inlet</b>	1/4" male - Industrial Quick-Connect Fitting
<b>Filter Option</b>	.3micron filter (replaceable)*
<b>Indicators</b>	Power: Green LED, Alarm: Red
<b>Ozone</b>	<0.005 ppm (Typical)
<b>Noise</b>	70 dBA @1meter
<b>Controls</b>	On/off switch
<b>Mounting</b>	Mounting holes on controller
<b>Emitter Points</b>	Tungsten Alloy
<b>Dimensions</b>	Hand Unit: 8.26"H x 4.33"W x .98"D, Console: 8.66"H x 2.99"W x 1.69"D,
<b>Weight</b>	Hand Unit: 1.5 oz. with air hose, Console: 15oz
<b>Warranty</b>	1-year limited warranty

*The replaceable 0.01 Micron Filter available for the IN6200 assures a clean flow of ionized air. Yearly minimum replacement. More often if in a controlled or dirty environment.*



## 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.



# TRANSFORMING TECHNOLOGIES

OUTSTANDING ALTERNATIVES IN STATIC CONTROL

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