PTEC™ IN5500
Self-Cleaning Ionizing Air Blower

Excellent Static Eliminating Performance with Low Maintenance

The Ptec™ IN5500 AC benchtop air ionizer is a small, efficient static elimination device with variable fan speed for protecting electronic components and general static protection. The IN5500 can self-clean which eliminates maintenance costs and equipment downtime and ensures your ionizer has optimal static eliminating performance.

Self-Cleaning System

The IN5500 can self clean the emitter points with internal spinning brushes. Schedule the cleaning after a predetermined amount of running time (from 0-999hours). Cleaning can also be initiated with a button on the front of the ionizer. These features eliminate maintenance costs and equipment downtime and ensures your ionizer has optimal static eliminating performance

About Ptec™ Technology

A specialized piezoelectric 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 IN5110 benchtop 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.

Features

- Rapidly Neutralizes Static Charges
- Schedule Emitter Point Cleaning from 0-999 Hours of Operation
- Coverage Area: 1’x5’
- AC Ion Emission
- +/- 15v Balance
- Bench Stand for Angled Output
- High Voltage Alarm

Applications:

The Ptec™ IN5500 is designed to neutralize electrostatic charges in bench top environments, sensitive materials assembly, Medical Device, 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.

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IN5500 Ionizer Images

Additional Features:

Monitoring Alarm: A light and a buzzer indicates an operation abnormality: a high voltage problem or a fan issue.

Signal Output: The alarm has an signal output that can be integrated into equipment/machines/tools used with the ionizer.

Outage Memory: The ionizer holds previously set parameters and auto starts after shut down.

Filter: Includes a filter for clean air flow. Easily removeable and washable.

IN5500	Specifications
Power Input	DC24V+/-5%
Operating Power	Approx. 12W
Ion Emission	AC, 68KHz
Balance	±10 volts
Decay Time	1000V—100V, < 2 seconds @12"
Temperature	32-122°F (0-50°C)
Ozone Thickness	≤0.04ppm (6" from air outlet)
Air Volume	40—70 CFM
Noise	≤50-55db (6" from air outlet)
LED Display	GREEN: Normal Operation
Mounting	Mounting holes on base
Emitter Points	Tungsten Alloy
Dimensions	8.375"x6.875"x3.625"
Weight	4bs (1.8Kg)
Warranty	1-year limited warranty

Testing Result and Performance:
Operating Voltage: DC24V
Testing Voltage: ±1000V - ±100V
Temperature: 25℃

Distance	Ion Type	300mm	600mm	900mm
Decay Time	+	0.6s	1.4s	2.2s
	-	0.8s	1.6s	2.9s
Ion Balance	+	±10V		
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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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