

PTEC™ Ionizers

IN5110 Bench Top Ionizing Blower

Deliver powerful, balanced and reliable ionization in a compact, space saving device.

The IN5110 ionizing blower combines exceptionally fast static decay capability with excellent balance stability, all in a small footprint. Designed to protect most static sensitive devices, the IN5110 uses a specialized piezoceramic technology that makes all the Ptec™ ionizers so reliable.

Ptec™ Stability

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Maintenance Savings

Ptec™ ionizers save time and money because they require no calibration. Emitter life is increased due to 68KHz AC ion emission and quick-release fan grills reduces downtime due to maintenance.

Applications:

The IN5110 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

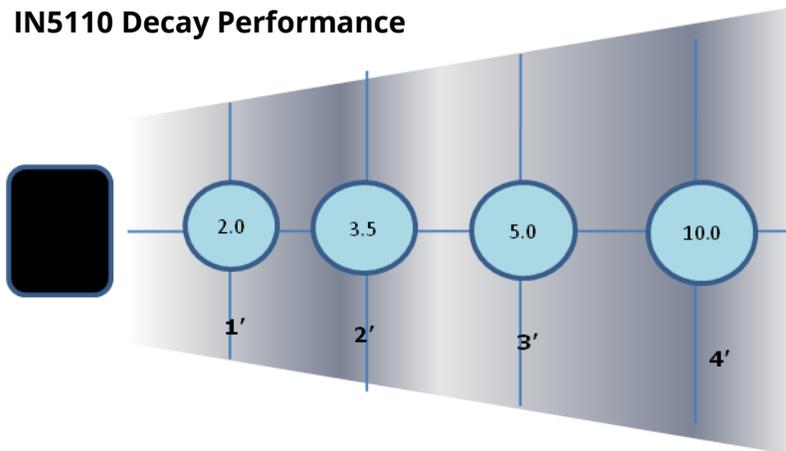
- **Inherently Stable Ptec™ Technology That Does Not Require Calibration**
- **Dense Output of High Frequency AC (68KHz) Ion Emission**
- **Variable Speed Output to Deliver the Correct Air Floor for Each Application**
- **Alarm Indicator Alert and Relay for High Voltage Failures**
- **“Quick-Release” Removable Fan Grills for Easy Maintenance.**

Ptec™ IN5110 Blower

Ptec™ Benchtop Ionization

A specialized piezoceramic high voltage transformer drives the technology making Ptec™ ionizers among the most reliable ionizers available. The model IN5110 benchtop 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.

IN5110 Decay Performance



Testing was conducted in compliance with ANSI EOS/ESD S3.1-1991 of the ESD Association. Decay times in seconds. Distance in feet.

Model IN5110 Ptec™ Specifications	
Power Input	24 VDC, 12W
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)
Airflow	115 cfm, High speed
Noise Level	60dB(A) (Distance 1 meter)
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch, variable fan speed
Mounting	Adjustable bracket/stand
Emitter Points	Tungsten Alloy
Filter	Replaceable
Dimensions	7.5"H x 7.1"W x 2.7"D, (19.0 x 18.0 x 7.6 cm)
Weight	2.8lbs, (1.27kg) (including stand)
Warranty	1-year limited warranty
Certifications	

The removable grill and the replaceable filter on the IN5110 simplifies emitter maintenance and tool downtime.



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.