

PTEC™ Ionizers IN5120 Mini “In-Tool” Ionizing Blower

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

The IN5120 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 IN5120 uses a specialized piezoceramic technology that makes all the Ptec™ ionizers so reliable. The IN5120 can be mounted in tight areas, such as inside machines, to eliminate static in hard to reach areas.

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 IN5120 is designed to neutralize electrostatic charges in personal bench top environments, SMT, electronics assembly, automotive packaging, clean room, laboratory environments or inside machines or tools.



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.
- Space Saving Small Footprint
- Mountable Inside Tools or Machines

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.

PTEC™ IN5120 Blower

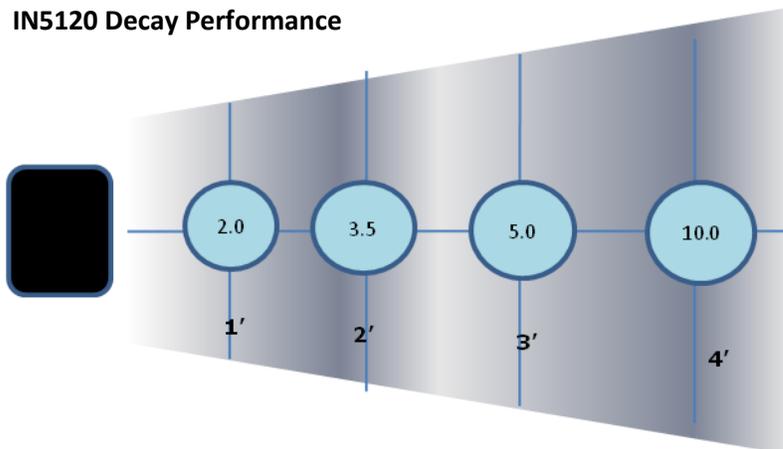
Ptec™ Benchtop Ionization

A specialized piezoceramic high voltage transformer drives the technology making Ptec™ ionizers among the most reliable ionizers available. The model IN5120 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.

Model IN5120 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	49 cfm, typical at High speed
Noise Level	35dB(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	5.5"H x 5.5"W x 2.28"D, (14.0 x 14.0 x 7.6 cm)
Weight	1.4lbs, (0.65kg) (including stand)
Warranty	1-year limited warranty
Certifications	



IN5120 Decay Performance



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

The removable grill and the replaceable filter on the IN5120 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.

