

Air Ionizing Nozzle



Model IN3420

Ptec™ Air Ionizing Nozzle

Piezo AC Ionization: Powerful, Balanced and Focused

Features

- Ptec™ Technology
- High Frequency AC (68KHz) ion emission
- Interchangeable nozzle tips
- Alarm indicators
- Quick release gas connections

Benefits

- Inherently stable output. Does not require calibration
- Reduces emitter cleaning. Extends emitter life. Dense ion output
- Point-of-use ionization for unique and difficult applications.
- Red light illuminates to alert high voltage failure
- Easily installed and serviced


Ptec™ Stability

The IN3420 air ionizing nozzle combines exceptionally fast static decay capability with excellent balance stability and can be mounted almost anywhere. The ionizing unit is self-contained and operates using compressed air or nitrogen. The IN3420 uses a specialized piezoceramic technology that makes Ptec™ ionizers extremely 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 IN3420 Ptec™ Specifications

Power Input	24 VDC, 12W
Power Outlet	un-fused, 0.5A or 1.0A max.
Ion Emission	AC, 68KHz
Balance	±15 volts
Decay Time	1000V—100V, < 2 seconds @ 6"
Air line Requirements	1/4" NPT
Max. Air Pressure	100 PSI
Airflow Requirements	Minimum of 2 SCFM
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch, variable fan speed
Mounting	(4) four mounting holes
Emitter Points	Tungsten Alloy
Dimensions	2.0"H x 7.1"W x 2.7"D, (5.0 x 2.9 x 8.7 cm) (with standard output nozzle)
Weight	1.0lbs, (.45kg)
Options	Various nozzle tips, (see selection chart)
Warranty	1-year limited warranty
Certifications	

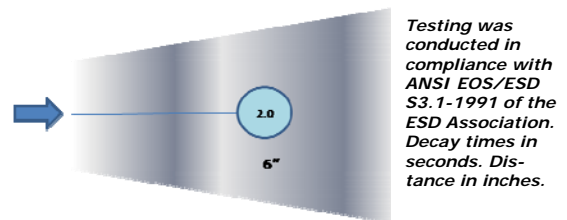


The IN3420 is easy to install and highly effective at removing static charges.

Ptec™ Air Ionizing Nozzle

A specialized piezoceramic high voltage transformer drives the technology making Ptec™ ionizers among the most reliable ionizers available. The model IN3420 air ionizing nozzle produces a 68KHz AC output of approximately 2200V and a continuous stream of balanced air ions. The IN3420 works efficiently with clean dry air (CDA) and nitrogen (N₂) and is capable of 100 psi input. 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.



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, LLC

3407 Silica Rd.
Sylvania, OH 43560

Phone: 1.419.841.9552

Fax: 1.419.841.3241

www.transforming-technologies.com

Outstanding Alternatives in Static Control