

BFN® G10 AC Ionizing Gun

A high performance ESD ionizing gun perfect for a wide variety of industrial applications.

The BFN®G10 ionizing gun combines portability, fast static decay rates, excellent balance and low compressed air consumption to efficiently remove static and contaminants in the Semiconductor, Electronic Assembly, Medical Device, Optics, Automotive and Pharmaceutical markets.

The BFN®G10 works twofold: as a forceful blow off gun that quickly removes particulate from surfaces and as a neutralizer to remove the static charges responsible for the attraction of contaminants to product surfaces.

The gun body is lightweight but durable, and features a light-touch trigger, making it comfortable for extended use. A built-in piezoelectric transformer eliminates the high voltage cable, and a metal hanger is provided for easy mounting.

BFN® Ionizers: **Balanced. Fast. Neutral.**

BFN® ionizers create a **balanced** stream of ionized air with an exceptionally **fast** decay capability that reliably **neutralizes** static charges.

All of the BFN products use AC ionization technology which assures reliable static protection with decreased maintenance. The BFN's superior mechanical design assures years of optimal static neutralizing performance.

Applications:

The BFN®G10 is designed to neutralize electrostatic charges in personal bench top environments, sensitive materials assembly, SMT, Electronics Assembly, Automotive packaging, clean room and laboratory environments.



Features

- Point-And-Shoot Precision Ionization
- 1000v Decay: 2 seconds at 12in
- Ion Balance: +15 volts
- Dense Output of High Frequency AC (68KHz) Ion Emission
- Ergonomic Handle Design
- 0.01 Micron Hollow Fiber Filter Available

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.

BFN®G10 Ionizing Gun



Model BFN®G10	Specifications
Power Input	AC 110V/ 60Hz
Ion Emission	AC, 68KHz
Balance	±25 volts
Decay Time	1000V—100V, < 2 seconds @12"
Working Conditions	32-78°F (0-50°C)
Humidity	20-80% RH (non-condensing)
Air Pressure	20—87 PSI, CDA or N ₂
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch
Mounting	Mounting holes on controller
Emitter Points	Tungsten Alloy
Material	Flame Retardant ABS
Dimensions	
Controller	6.5"H x 3.3"W x 1.4"D,
Hand Gun	8.26"H x 3.4"W x 1.05"D,
Filter Option	SPBFN37 (replaceable)*
<small>*Note: Unit also may be operated without filter.</small>	
Weight	2.1lbs
Warranty	1-year limited warranty
Part Numbers	
BFNG10	Ionizing Gun
SPBFN37	Filter



The replaceable Filter available for the BFNG10 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.



