

PTEC™ Ionizers IN6430 Ionizing Gun

ESD interlocking tile floor mats for industrial applications and high traffic areas

Transforming Technologies offers **Comfort ESD Floor Matting**. The low-compression PVC matting is structurally robust and is capable of tolerating the heavy loads and harsh conditions associated with industrial environments while providing a safe, comfortable area for people required to stand for long periods of time. Safety ramp edging, in matching black or high visibility yellow, ensures a safer transition to and from the ESD work area.

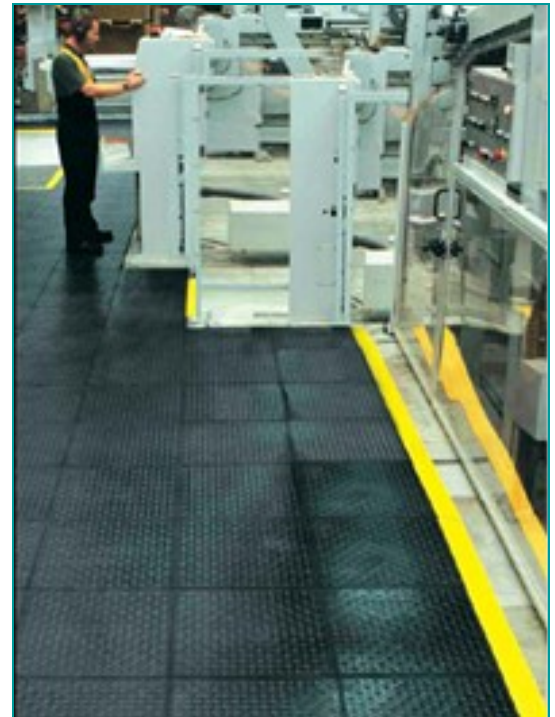
Meets or exceeds requirements of ANSI/ESD S2020 per ANSI/ESD S7.1

Exceptional Comfort

The PVC tiles incorporate a unique under structure of “compression columns” which act as springs when weight is applied to counter the negative effects of impact or standing for prolonged periods. This ergonomic concept has been shown to significantly increase user comfort so not only will your static sensitive products be protected, your work force will be as well.



PV3010 Diamond Shield



Features

- Point-And-Shoot Precision Ionization
- Inherently Stable Ptec™ Technology
- Dense Output of High Frequency AC (68KHz) Ion Emission
- Single Integrated Air/Power Cable with Strain Relief Protects Cables.
- Ergonomic Handle Design

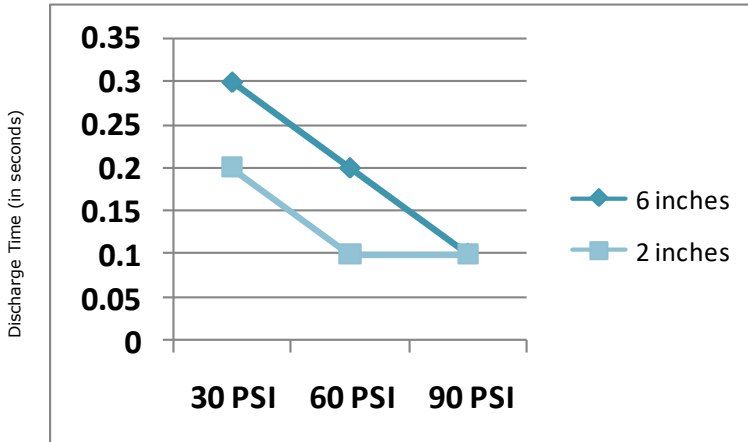
Applications:

The IN6430 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.

IN6430 Ionizing Gun

Ionization Performance



Offset voltage and discharge time per ANSI/ESD STM3.1 using a charged plate monitor with a 20pF, 6" x 6" plate. 1000 to 100 volts. Typical results.



Model IN6430 Ptec™	Specifications
Power Input	AC 100V~240V, 50/60Hz
Power Outlet	un-fused, 0.5A or 1.0A max.
Ion Emission	AC, 68KHz
Balance	±30 volts
Decay Time	1000V—100V, < 2 seconds @12"
Temperature	66-78°F (19-25°C)
Humidity	20-60% RH (non-condensing)
Air Pressure	20—75 PSI, CDA or N ₂
Indicators	Power: Green LED, Alarm: Red
Controls	On/off switch
Mounting	Mounting holes on controller
Emitter Points	Tungsten Alloy
Dimensions	
Hand Unit	8.5"H x 4"W x 1"D,
Console	3.5"H x 6.25"W x 1.5"D,
Filter Option	.01 micron filter (replaceable)*
*Note: Unit also may be operated without filter.	
Weight	
Hand Unit	12 oz. (.341 kg) with 9.5' air hose
Console	1 lb. (.45 kg)
Gas Input & Connection	20—75 psi, CDA or N ₂ , 1/4" male industrial interchange quick disconnect or 1/4" quick release tube fitting
Warranty	1-year limited warranty

The replaceable 0.01 Micron Filter available for the IN6430 assures a clean flow of ionized air



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.

