

IN1200 Series

Pulsed Dual DC Ionizing Bar



Low Maintenance, High Speed Ionizer

Transforming Technologies' Pulsed Dual DC Ionizing Bar Series IN1200 controls static charge in mini-environments, laminar flow hoods and workstations. The Series IN1200 features a unique aerodynamic design that ionizes a local area while maintaining facility laminar flow. Using Pulsed Dual DC technology, bipolar emitters provide:

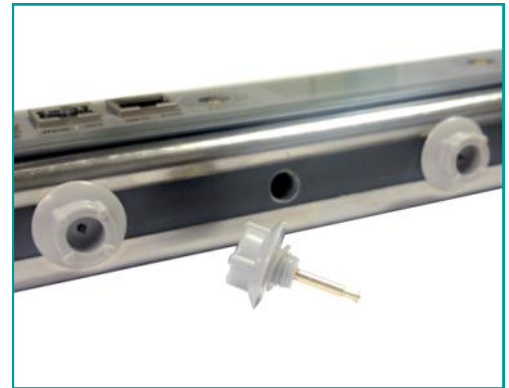
- Superior ionization uniformity and coverage over the work area
- Unique aerodynamic design
- Balance and power controls at each bar
- Ion current regulation and operational failure alarm

Complete Workstation Protection

The IN1200 Ion Bar is an highly effective tool in electronics, plastics, chemicals, printing, textile, optical and other industries. Installation is simple with easy mount clips and maintenance is reduced by high density tungsten emitters en-closed in a patented replaceable molded cap. Available in 22", 44" or 64" lengths.

Model IN1202

DC Ionizing Bar



Maintenance Friendly Ionizer

Easy electrode probe replacement via the patented molded emitter

Features

- Patented Pulsed Dual DC Ionizing Technology
- Unique Lightweight Bar Design
- Tungsten Alloyed Emitter Tips
- Ultra-High Speed, Sheath-Sensing Ionizers
- LED Readout

Benefits

- High Speed Static Elimination with Excellent Ion Balance
- Excellent for Limited Space Applications
- Maximizes Ion Generation and Reduces Tip Damage
- Reduced Air Flow for Energy and Cost Savings
- Maintenance Indicator and Adjustments Are Made Easy

LED Readout

The IN1202 has an easy to read LED screen to aid in adjustments and displays errors. The IN1202 Bar detects error conditions and an audible alarm and visual indicator on the LED displays the issue.



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IN1202 - Ion Bar

Power and Control

The IN1202 is powered by a Cat-5 cable input with 24volt adapter. Two or more ion bars can be connected in series through the secondary RMS port. The ion bar can be networked with a PC via the RMS port and be controlled remotely. At this time, the networking feature is not supported but will be available soon. Contact Transforming Technologies for more information.

Maintenance

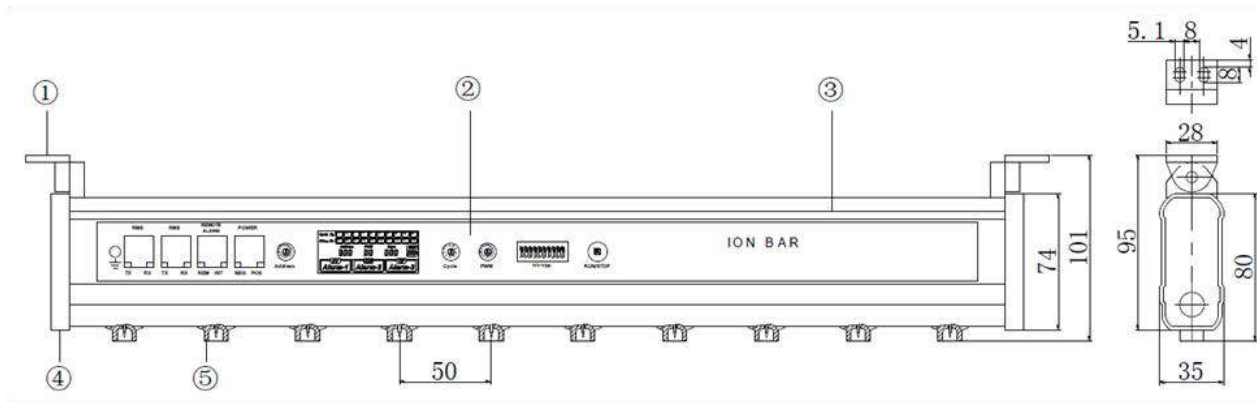
The IN1202 is an industry leader in maintenance saving performance. The patented molded emitter design and alloyed tungsten probe prevents wear and particle accumulation. The IN1202 includes a self-diagnosis function that monitors ion generation. With the bar LED indicator and alarm outputs, the ionizer alerts you of the need for emitter maintenance.

Product Specifications

Model	IN1202-22, IN1202-44, IN1202-64
Output voltage	DC±4,±4.25,±4.5,±4.75,±5,±5.25,±5.5, ±5.75,±6,±6.25(KV)
Output frequency	0.1, 0.3, 1, 3, 5, 8, 10, 20, 30, 50 (Hz)
Duty factor	40%-70%
Power	10W
Working distance	2in-80in
Ion balance	≤ ±30V (adjust)
Discharge time	≤2S (adjust)
Working temp.	32 - 122 Deg F
Air pressure scope	70psi
Cord length	8ft

Part Numbers

- IN1202-22 - Ion Bar, 22"
- IN1202-44 - Ion Bar, 44"
- IN1202-64 - Ion Bar, 64"
- IN1202SP1 - Emitter Point Replacement
- IN1202SP2 - Mounting Bracket
- IN1202SP3 - Cat-5 Cable
- IN1202SP4 - Power Adapter
- IN1202SP5 - Power Cord



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.



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Outstanding Alternatives in Static Control