

Ionizing Air Gun + High Voltage Power Supply

P/N: 445D+446

The 445D Ionizing Air Gun is used for removing static charge and dust of the inaccessible charged object. It can easily clean the parts and prevent it from being attached again after removing static charge.

Features

- Compact design for easy operation
- Rapidly neutralizes static charges
- Built-in regulator of remnant voltage for effective ion balancing
- Two ionizing Air Guns can be connected with High Voltage Power Supply model 446 at the same time

Specifications

Input Voltage : 220VAC/50Hz
 Secondary Output Voltage : 4.0 KVAC (0 ~ -40%)
 Power Consumption : 20 Watt
 Dimensions of Power Supply : 165 x 103 x 115mm (approx.)
 Weight of Power Supply : 3.8 Kg (approx.)
 External Air requirement : 0.1 ~ 0.7MPa (Dry & Clean)
 Effective Distance : within 1000mm
 Discharge Time : 0.4S (Test Distance: 15cm)
 Weight of Air Gun (approx.) : 370 grams
 Standard length of Cable : 3 meter



Model 445D
Ionizing Air Gun

Model 446
High Voltage Power Supply

| Pressure | Air Flow | Decay Time | Noise |
|----------|-------------------------|------------|-------|
| 0.2MPa | 0.06m ³ /min | 1.2s | ≤71dB |
| 0.4MPa | 0.12m ³ /min | 0.6s | ≤88dB |
| 0.6MPa | 0.18m ³ /min | 0.4s | ≤95dB |
| 0.7MPa | 0.20m ³ /min | 0.3s | ≤98dB |

Note: Testing distance 15 cm from the outlet of the air gun

Stainless Steel Body Static Charge Eliminator

P/N: 440D

- Compact size, light weight, portable design with adjustable angle
- Rapidly neutralizes static charges
- Adjustable fan speed can generate large range of ion stream
- Stable ion balancing
- Long lifetime magnetic transformer protect the unit from short circuit
- Built-in emitter cleaner for easy cleaning
- Stainless steel housing, ideally suitable for clean room applications

Specifications

Power consumption : 30 Watt
 Output Voltage : 506 KVAC
 Ion Balance : ±10V
 Air Volume : ≤2.4m³/min
 Effective range : 400 x 1500mm
 Ozone production : ≤0.03ppm (150mm from centre of air outlet)
 Noise : 45dB
 Dimensions & Weight : 140x84x220mm & 2.4 Kg (approx.)



Warranty is 12 months from the date of our invoice. It excludes any mechanically damaged part.

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Low Voltage Nozzle type Static Charge Eliminator



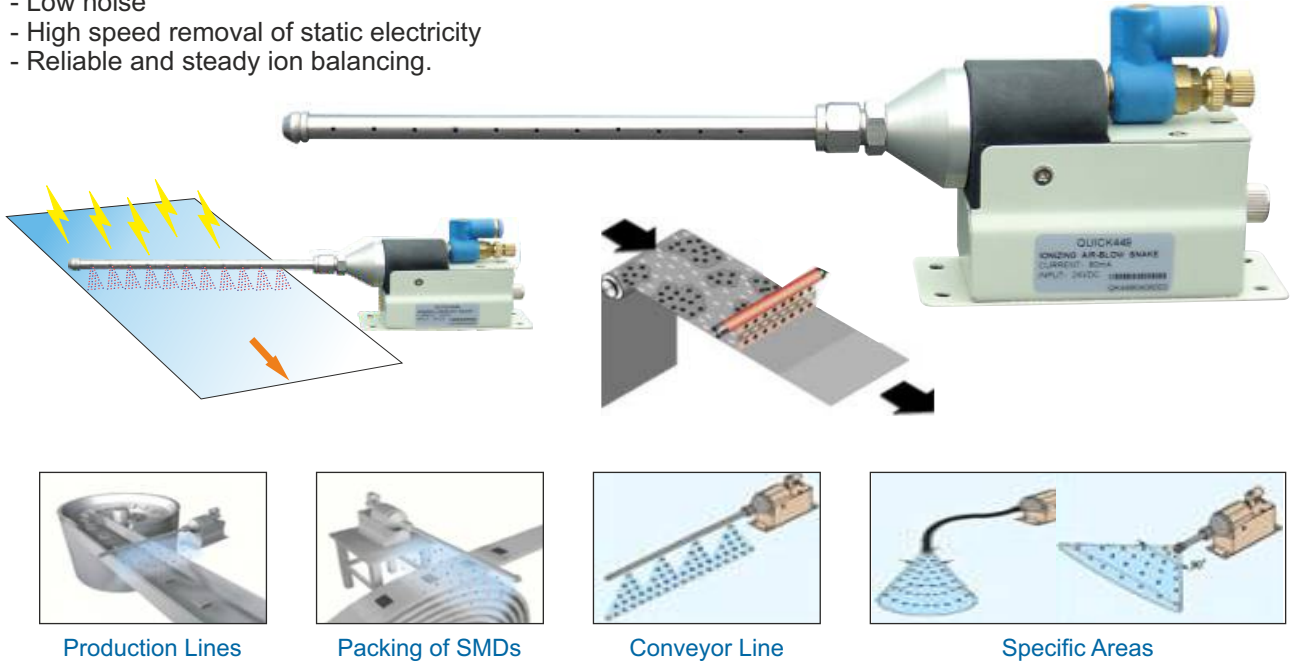
P/N: 449

This Static Charge Eliminator works with low voltage power supply which makes it safe to use very close to the components. The ions are produced by high-frequency voltage in large quantity and high density so that the ions do not disappear during long travelling in the tube.

Voltage produced by the High Voltage Power Supply for inside of the discharge needle, gives-off alternating current corona discharge toward connection plug to produce positive and negative ions. These ions are transported out by external air pressure. The ionized air flow neutralizes the static electricity of charged objects, removes dust stuck with the charged objects and protects the same from being stuck again.

Characteristic:

- It can transfer ionized air by using the air tube in addition to air blowing directly through the nozzle.
- Low noise
- High speed removal of static electricity
- Reliable and steady ion balancing.



Specifications

| | |
|--------------------------|--|
| Mode of Producing ions | : Corona discharge with high frequency voltage |
| Input Voltage | : 24V DC |
| Capacity | : 2.4VA |
| Output Voltage | : 2.0KV AC / about 68KHz |
| Abnormal Output Circuit | : Collector open circuited |
| Ozone Generation | : 0.05ppm: (measured at distance of 50mm) |
| Ion Balance | : within ± 15 Volt |
| External Air requirement | : 0.02 ~ 0.4MPa |
| Dimension (approx.) | : 104L \times 35W \times 57H (mm) |
| Weight (approx.) | : 210 grams |

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