



Product Brochure

ANTI STATICE BLOW GUN - NEUTRALIZER AC

The Neutralizer AC incorporates the efficiency and power of an air amplifier with the proven technology of corona ionization to produce a highly effective static eliminating blow-off gun. In addition, it offers a light-weight, well balanced gun, powered by an internal, rechargeable, lithium ion battery and a replaceable emitter pin to keep the Neutralizer AC performing like new.



How are Electrostatic charges created?

Electrostatic charges are most commonly generated through a process called triboelectric charging. Whenever differing materials are brought into close contact and then separated an exchange of electrons can take place resulting in two oppositely charged objects when the materials are separated

Controlling electrostatic charges

There are several ways that can be employed to control static problems. Two of which are:

Grounding: Static charges on a conductor can be easily controlled if the object can be grounded. This method provides a path for the charge to flow to ground eliminating the charge. However, you cannot ground an insulator because charges will not flow through an insulator.

Ionization: Air ionization systems work by flooding the atmosphere with charged particles called ions. Air ions are molecules of one or more of the gases that make up air (nitrogen, oxygen, carbon dioxide, etc.) that have gained or lost electrons.

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