

The generation and accumulation of unwanted electrostatic charges, both surface and airborne, poses a serious problem in various industries and laboratories. For instance, static charges can create havoc with sensitive equipment and electronic Components.

APPLICATION AREAS

- Anti-static work stations and assembly units
- Plastic manufacturing and moulding units
- Clean rooms.
- Plastic film and paper industries
- Pharmaceutical industry.

Static Eliminator

Model: Z207

This Bench Top instrument is designed to neutralise your ESD work-station or ESD protected area with a stream of ionized air. It remove static charges from non-conductive objects and surfaces.

It is able to rapidly neutralise potentially dangerous charges in a localised area. An axial fan gives the desired air flow to neutralise static on specific objects rapidly, as well as control static in the general area in front of the ionizer.

This is a powerful, trouble free and compact solution to static control problems anywhere. The unique high efficiency ionization pulse circuitry provides fast discharge with low air flow. High air flow would lead to operator discomfort & may also disturb small components.

This static eliminator works on the principle of high voltage corona discharge to produce the ions. It is designed for continuous use and a current limiter circuit ensures operator safety even if the ion emitters are accidentally touched.

It has special circuitry to ensure a balanced ion output. This ensures that no charge is induced by the ion shower. Balance is maintained irrespective of supply voltage and even if the discharge electrodes are dirty.



Specifications

- Air Flow : 1.8 cu m/min
- Noise level : 45 dbA (at 1m)
- Supply : 230V AC 50Hz 20 Watts
- Ionization voltage : 6-8 KV
- Ion balance : under +/- 50 V
- Dimensions : 200 x 170 x 110 mm
- Weight : 2.75 kgs (approx.)

Scope of Supply

- Static Eliminator
- Instruction Manual

Overhead Static Eliminator

Model: Z209

This **OVERHEAD** unit can be conveniently hung over the work area for a large coverage to neutralise the charges on personnel or on any item entering an ESD sensitive area. This is achieved with a stream of ionized air. "Ion showering" is the only effective method of removing static charges from non-conductive objects and surfaces.



The unique high-efficiency pulse circuitry provides fast discharge with limited air flow. It works on the principle of high-voltage corona discharge to produce the neutralising ions.

Ion Balance is maintained irrespective of supply voltage and even if the discharge electrodes are dirty. Balanced output is essential when used in critical ESD sensitive areas.

Specifications

- Air Flow : 425 cu.m/hr
- Noise level : 55 dbA at 1m
- Supply : 230V AC 50Hz 70 Watts
- Ionization Potential : 6-8 KV
- Ion balance : +/- 50 V
- Dimensions : 1100 x 170 x 130 mm
- Weight : 7 kgs.

Scope of Supply

- Static Eliminator
- Instruction Manual

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