

# Static Control

NRD is the industry leader for providing advanced ionization products to eliminate electrostatic discharge and static attraction. The success of NRD devices is based on unique and extremely effective ionization sources that use alpha-energy to neutralize static electricity. Unlike electrical ionization systems, NRD ion sources don't just control static, they eliminate it by providing a constant balance of  $\pm$ zero volts.

The ion sources are entirely self-powered and never require any calibration or adjustment; therefore, there are no operating costs associated with them throughout their lifetime. Because NRD ion sources do not require electricity and are completely safe, they are ideal for

use in any application, including highly-volatile environments.

Static charge buildup is the cause of many production problems including downtime, reduced product quality, and ultimately increased costs and reduced profits. Although the static charges cannot be seen, they are quite noticeable.

Thousands of volts of electricity can easily accumulate on the surfaces of in-process materials. This buildup can ignite combustibles, shock personnel, destroy sensitive electronic components and cause many types of production problems. In addition, static attraction of dirt, dust and other foreign matter contaminates products

and process equipment, which intensifies processing problems.

NRD alpha-energy devices rapidly neutralize charged materials. This is accomplished by emitting a flood of both positively and negatively charged ions in the vicinity of the affected material. The charged material then attracts a sufficient quantity of oppositely charged ions to completely eliminate its static charge.

NRD alpha-energy ion sources totally eliminate static buildup, not just reduce it, as with other methods of static control. As with all types of ion sources, ionized air has absolutely no adverse effects on personnel.



## Return For Disposal

The ionizers can be sent to:

NRD Static Control  
2937 Alt Boulevard  
Grand Island, NY 14072

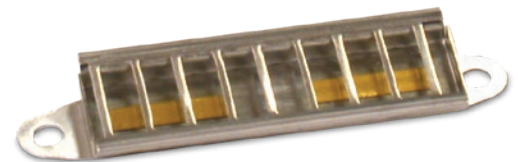
The box must be clearly marked with "UN2911" on the outside, so NRD knows what to do with them. An RMA is not required, and there is no charge for a recycling fee.



1 in Static Brush

3 in Static Brush

Stand Ionizer



1 x 3 in Ionizing Strip



1 x 1 in Ionizing Strip

## STATIC BRUSHES, IONIZING STRIPS AND ACCESSORIES

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## Ionizers

Part #	Staticmaster Part #	Description	Price
<b>164648</b>	4068	Mini-fan ionizer	Consult
<b>164649</b>	6105	I-beam stand ionizer	Consult

## Static Brushes - 1 inch

Part #	Staticmaster Part #	Description	Price
<b>76669</b>	1C200	Static brush, 1 in	Consult
<b>76670</b>	1C200R	Replacement cartridge	Consult

## Static Brushes - 3 inch

Part #	Staticmaster Part #	Description	Price
<b>76671</b>	3C500	Static brush, 3 in	Consult
<b>76672</b>	3C500R	Replacement cartridge	Consult

## Ionizing Strips - 1 inch

Part #	Staticmaster Part #	Description	Price
<b>76677</b>	1U400	Ionizing unit, 1 in	Consult
<b>76678</b>	1U200	Ionizing unit, 1 in	Consult

## Ionizing Strips - 3 inch

Part #	Staticmaster Part #	Description	Price
<b>76676</b>	2U500	Ionizing unit, 1 × 3 in	Consult

## Ionizing Strip Accessories

Part #	Staticmaster Part #	Description	Price
<b>76679</b>	BF1	Ionizer positioner	Consult
<b>76680</b>	BF2	Ionizer positioner only - C bracket	Consult
<b>163601</b>	BF3	EZ-Mount, 2U500 BF3 option mounts 2U500 to balance chamber	Consult
<b>163602</b>	5060	Grounding kit, 2U500 5060 enhances static eliminating power Staticmaster 2U500	Consult



Mini-fan Ionizer