

Static Solutions

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Static Solutions

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 can not 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 serves to intensify 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.



STATIC BRUSHES			
Part #	Staticmaster Part #	Description	List Price
76669	1C200	Static Brush 1"	\$28.00
76670	1C200R	Replacement cartridge	19.00

STATIC BRUSHES			
Part #	Staticmaster Part #	Description	List Price
76671	3C500	Static Brush 3"	\$45.00
76672	3C500R	Replacement cartridge	30.00

IONIZING STRIPS			
Part #	Staticmaster Part #	Description	List Price
76677	1U400	Ionizing unit 1" x 1"	\$45.00
76678	1U200	Ionizing unit 1" x 1"	30.00
102497	1U200SLA	Ionizing unit 1" x 1" low activity	50.00

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IONIZING STRIPS			
Part #	Staticmaster Part #	Description	List Price
76676	2U500	Ionizing unit 1" x 3"	\$45.00

STATIC BRUSHES ACCESSORIES			
Part #	Staticmaster Part #	Description	List Price
76673	N/A	Brush Connector	\$7.00
76674	9C1500	Tri Stat Static Brush 3" x 3"	139.00
76675	9C1500R	Static Cartridge 3" (for PN 76674)	87.00

IONIZING STRIP ACCESSORIES			
Part #	Staticmaster Part #	Description	List Price
76679	BF1	Ionizer Positioner	\$38.00
76680	BF2	Ionizer Positioner Only - C Bracket	58.00
76681	BF2-1000	Duostat with ionizers	137.00
76682	BF2-1000R	Replacement cartridge (2 per package)	88.00

Staticmaster IONMASTER™ Model 4060/4060A



4060



4060A

The IONMASTER model 4060/4060A mini ionizing fan utilizes our proprietary alpha ionizing technology to provide a continually balanced output down to zero volts. This quiet, compact fan is ideally suited for bench-top electronics repair and assembly, because it requires less installation space than larger units. This fan is available in both a bench-top model and with an optional articulated arm.

4060/4060A SPECIFICATIONS	
Weight	1 lb 5 oz (0.6 kg)
Electrical Input	100-120 VAC, 60Hz
Electrical Output	5.6 watts
Air Flow Velocity	≤250 lfpm at 1 ft (≤75 m/mm at 30 cm)
Noise	<55 decibels
Isotope	Polonium -210
Emission	Alpha
Activity	2mCi (74MBq) (4060R ionizer set)
Decay Time	2.5 seconds (ESD Association 3.1 at 40 CFM, 1 ft distance, 1,000 to 100V)

4060/406A		
Part #	Description	List Price
91901	Fan, Ionmaster fan with swivel base, 12VDC	\$265.00
91902	Staticmaster IONMASTER™	560.00

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