

3M™ Benchtop Air Ionizers

The use of ionized air in electronics work environments will remove the build-up of potentially damaging static charges. Air ionizers are primarily used to control static charge on nonconductive materials. The 3M™ Benchtop Air Ionizer 963 Series blanket the benchtop with ionized air to help prevent static from damaging sensitive electronics.

Features

- Two versions available: The Benchtop Air Ionizer 963 operates using AC 120 V power, and the 3M™ Benchtop Air Ionizer 963E from DC 24 V power supplied by an included universal power transformer (power line cord not included).
- Fast neutralization of static charges on nonconductive objects. < 2 seconds at 1 ft. (30 cm) distance using ANSI/ESD S3.1 test procedure.
- Maintains equal balance of positive-negative ions.
- Two-speed fans.
- Static dissipative housing prevents static charge buildup on the surface of the housing, a common problem with ionizers. “ESD-safe” design allows the ionizer to be part of your overall static-safeguarded electronic workstation.
- UL, C-UL, NOM certification. CE-marked.



Product Referral Generator

Floor Mats/Runners pg. 36
Dissipative Rubber Mats/Rolls pg. 37

Product No.	Description
963	Benchtop Air Ionizer, including ionizer, Operator's Manual, and power cord; 120 VAC



Product No.	Description
963E	Benchtop Air Ionizer, including ionizer, Operator's Manual, and power transformer; 100 VAC–240 VAC



3M™ Benchtop Air Ionizer 963

Physical Characteristics

Property	Typical Value	
	963	963E
Power Ratings	AC 120 V 60 Hz 0.20 A 20 W	DC 24 V 0.5A 10W
Power Inlet	IEC 320 socket	Mini DIN socket
Power Transformer	-	Input: AC 100 V–240 V, 0.4A, 50/60 Hz Into IEC320 Socket. Output: DC24 V, 0.5A 3.0 ft. (0.9 m) cord with Mini DIN plug
Power Outlet Cord	6 ft. (1.8 m) cord with IEC 320 and NEMA 5–15 plugs	Not included
Dimensions (w/Mounting Base)	9 H x 7.0 W x 4 in. D (23 x 18 x 10 cm)	9 H x 7.0 W x 4 in. D (23 x 18 x 10 cm)
Weight	2.5 lb. (1.1 kg)	2.5 lb. (1.1 kg)
Air Flow		
Low Speed: Feet per Minute	350 fpm (1.0 m/s)	190 fpm (0.5 m/s)
High Speed: Feet per Minute	350 fpm (1.0 m/s)	290 fpm (1.5 m/s)
Operating Environment		
Temperature	59°F–95°F (15°C–35°C)	59°F–95°F (15°C–35°C)
Humidity	15%–55% RH, non-condensing. Product should be used in relatively clean indoor environments.	15%–55% RH, non-condensing. Product should be used in relatively clean indoor environments.
Other Conditions		
Static Discharge Time* @ 1 ft. (30 cm)	< 2 second	< 2 second
Offset Voltage	±15 V	±15 V
Certifications and Approvals	UL, C-UL, NOM	UL, C-UL, NOM, CE
Warranty	1 year	1 year

* When tested according to ANSI/ESD S3.1-1991 at high fan speed.