

IONIZING BLOWERS

Static Elimination Blowers

Compact & Lightweight

SENTINEL BTI

The Sentinel BTI Benchtop Ionizer utilizes DC high voltage to generate balanced ionized airflow to eliminate static charges on surfaces. The unit can be placed at one end of the workbench, wall or shelf mounted, and directed at the target or area to be neutralized. The ionizer's neutralization time will be optimal at 12 to 48 inches directly in front of the unit and will increase as the distance from the unit increases.

Features Include:

- Compact benchtop ionizing blower
- Low offset voltage
- Steady State DC ionization
- Easy access to emitter pins for cleaning
- Dual Fan Speed
- White powder coat finish
- Normal / Fault Status Indicator
- Meets the ANSI/ESD STM3.1 Ionizer Standard
- Provides automatic balancing of the ionization system
- Adjustable angle mounting stand adaptable for benchtop or wall mounting



TECHNICAL DATA

Air Flow:	Two speed fan (250fpm; 100cfm with fan on high speed).
Balance:	+ / - 3 volt typical (Temperature range: 65 to 80 degree F, R.H.: 15% to 65%)
High Voltage:	5.5 KV DC nominal; (1) positive Power Supply HVDC + (1) negative HVDC
Input Power:	AC line power, internally selectable for 100-120 VAC, 50/60Hz, 1PH, 75ma or 200-240 VAC, 50/60Hz, 1PH 50ma
Fuse:	250ma slow blow; located at AC inlet inside rear cover; 2 required
Ion Emission:	Steady state DC with sensor feedback
Emitter Pin:	.050 inch diameter 316 stainless steel; Electrodes; 8 required.
Chassis:	Powdercoated aluminum or steel housing.
Weight:	7.0 pounds with cord; 7.4 pounds shipping weight with packaging
Dimensions:	9.82 inches high (with stand) 6.76 inches wide (8.08 with knobs) 3.77 inches deep
Mounting:	Bench top tilt adjust frame with locking knobs; can also be wall or shelf mounted
Ozone:	Less than 0.005ppm
Certifications	ANSI/ESD STM3.1



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