

Static Clean®

Particulate Control Zapp n' Trap 6000 & Zapp n' Trap Mini

The Zapp n' Trap 6000 (ZnT 6000) and Zapp n' Trap Mini (ZnT Mini) are compact, all-in-one cleaning and source-capture units engineered to control particle blow-off in cleanroom and controlled environments. These tabletop solutions integrate a high-performance ionizing blow-off system with advanced Particle Trap® technology to eliminate airborne contamination risks during part cleaning and assembly.

As ionized air removes particulates from surfaces, a high-powered blower within the ZnT Hood pulls the debris into a multi-stage filtration system—starting with a prefilter and followed by a HEPA filter. The result: particle-free air is gently returned to your workspace, protecting sensitive processes and eliminating recontamination risks.

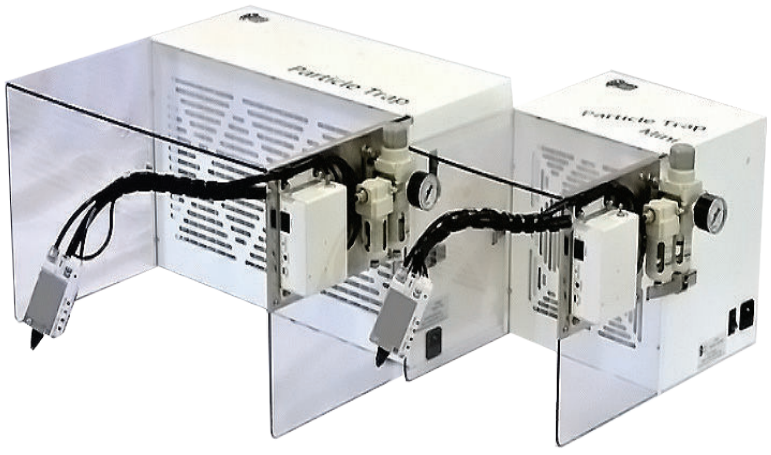
Both models are designed for ease of use, requiring minimal setup and training. Their compact, enclosed design helps maintain cleanroom integrity while reducing cross-contamination between workstations. Backed by proven Particle Trap® performance, the ZnT series delivers consistent results in demanding environments where cleanliness and product integrity matter most.

The ZnT 6000 is optimized for larger parts, assemblies, and packaging trays, while the ZnT Mini is perfectly suited for small to mid-sized components. Both systems are ideal for critical applications such as medical device cleaning and assembly, optics packaging, and injection molded parts finishing—including mold-flash removal and de-gating. With Zapp n' Trap, you can clean confidently and contain contamination at the source.

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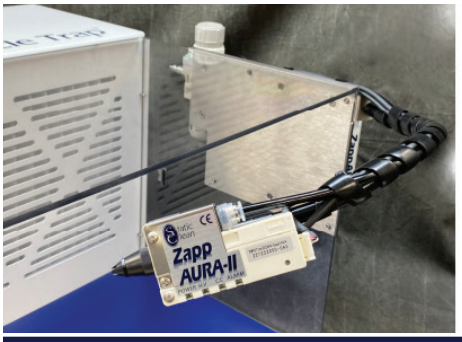
Features & Benefits

- **Advanced Particle Removal & Source Capture:**
  - Integrated Particle Trap® with ionizing blow-off system captures contamination at the source
  - ZappAURA-II Ionizing Nozzle neutralizes static charges to reduce ESA-related particle re-attraction
  - Minimizes rejects, teardown, and rework—protecting process integrity and product quality
  - Ideal for medical device, optics, and electronics applications requiring strict contamination control
- **Smart Sensor Activation & Blow-Off Control:**
  - ZACII Controller with adjustable sensor triggers ionizer and airflow when parts enter the hood
  - Programmable blow-off modes: Constant, High (10Hz), or Low (5Hz) for particle removal
  - Adjustable off-delay timer ensures airflow continues for clear or complex-shaped parts
  - Adjustable cleaning distance for precise control over blow-off coverage and efficiency
- **Filtration & Cleanroom Integration:**
  - Medical-grade MERV-11 prefilter and HEPA filter capture 99.97% of ≥ 0.3-micron particles
  - Tool-free prefilter changeout streamlines maintenance
  - Clear polycarbonate hood enhances inspection visibility and cleaning efficiency (custom options available)
  - Adjustable fan speed for optimal performance and air handling
  - Compact design conserves bench space and supports cleanroom compliance



YOU'VE GOT STATIC . . . WE'VE GOT SOLUTIONS

Particle Control
Zapp n' Trap 6000 & Zapp n' Trap Mini







Specifications	Zapp n' Trap 6000	Zapp n' Trap Mini
Width	23.3"/592mm (w/o latches, gage)	13.3"/338mm (w/o latches, gage)
Height	12.0"/305mm	12.0"/305mm
Depth Total	19.5"/495mm	18.19"/462mm
Depth of Cabinet	8.5"/216mm	9.19"/233mm
Depth of Hood	11.0"/279mm	9.0"/229mm
Weight	40.25 lbs./18.3 kg	25.7 lbs./11.7 kg
ZnT-6000 & ZnT-Mini	115 VAC 50/60Hz	115 VAC 50/60Hz
ZnT-6000-230 & ZnT-Mini-230	230 VAC 50/60Hz	230 VAC 50/60Hz
Max. Current	0.88 Ampere	0.88 Ampere
ZACII Controller (separate plug)	100~240VAC, 0.6A	100~240VAC, 0.6A
Noise (compressed air off)	67 dBA @ 3' Front	62 dBA @ 3' Front
Air Velocity Inside Hood (factory set)	115 feet per minute	115 feet per minute
Volume Flow	200 cfm/5.7m3	96 cfm/2.7m3
Cabinet	Welded steel	
Paint	Epoxy Powder-Coat thermally processed	
Impeller Fan	Plastic PA6, fiberglass reinforced w/Thermal Overload Protection	

Part Numbers	Zapp n' Trap 6000	Zapp n' Trap Mini
Zapp n' Trap 6000, 115VAC w/power cord & hood	ZnT-6000	-
Zapp n' Trap 6000, 230VAC w/o power cord, with hood	ZnT-6000-230	-
Zapp n' Trap Mini, 115VAC w/power cord & hood	-	ZnT-Mini
Zapp n' Trap Mini, 230VAC w/o power cord, w/hood	-	ZnT-Mini-230
Standard Polycarbonate Hood	620-0007	620-0025
HEPA Filter	680-0001	680-0005
Medical Grade Prefilter	680-0006CASE (6/case)	680-0007CASE (12/case)
Tacky Mat for Inside Hood	TM11x20.5 (sold separately)	TM09x10.5 (sold separately)
Power Cord, right angle, 115VAC	378-0004	378-0004
ZACII Controller Blow-Mode	Adjustable: constant, 10Hz or 5Hz Pulsed Airflow	
ZACII Controller Off-Delay Timer	ON / OFF Switch; Adjustable: 0~10 seconds	
ZappAURA-II Operating Pressure	3~100psi (max) / 0.02~0.69Mpa	
ZappAURA-II Nozzle Options	call Static Clean International, Inc.	
Photoelectric Sensor Distance	Adjustable: 20~350mm / 0.79"~13.79"	
Primary 5-micron Replacement Filter	AF20P-060AS	
Secondary 0.01-micron Replacement Filter	AFD20P-060AS	

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