

Static & Contamination Control

Zapp n' Trap 6000 & Zapp n' Trap Mini



Zapp n' Trap 6000 (ZnT 6000) and Zapp n' Trap Mini (ZnT Mini) are compact, all-in-one solutions, integrating a state-of-the-art ionizing blow-off system with our premier particulate source-capturing **Particle Trap®**. This table-top solution solves a major problem when blowing off particles in controlled or clean room environments. With **Zapp n' Trap**, contaminants are efficiently removed from your medical devices, optics, sensitive electronics, and packaging materials, ensuring foreign matter (FM) is trapped inside.

Particulates blown off parts inside the **ZnT Hood** are pulled forward by a powerful blower into a prefilter, then refiltered through a HEPA filter at the rear exhaust. Clean air is gently introduced back into your clean room, protecting workstations, processes and materials from recontamination.

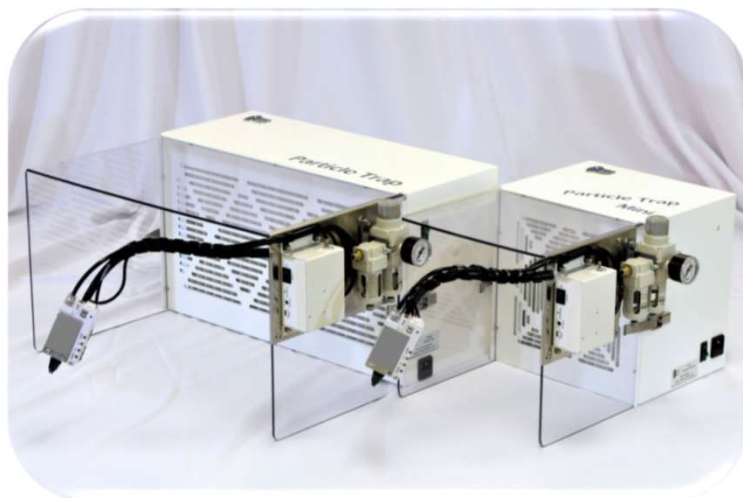
Clean with **Particle Trap®** Confidence!

■ APPLICATIONS

- **Zapp n' Trap 6000** is ideal for larger parts, assemblies and packaging trays
- **Zapp n' Trap Mini** is best suited for small to mid-size parts and assemblies
- Typical applications include;
 - Medical Device parts cleaning, assembly and packaging
 - Optics processing, assembly and packaging
 - Injection Molded Parts de-gating or mold-flash cleaning

■ FEATURES & BENEFITS

- **Particle Trap®** with integrated Ionizing Blow-Off System
- Significantly reduces costly rejects, teardown and rework
- Compact size maximizes bench space

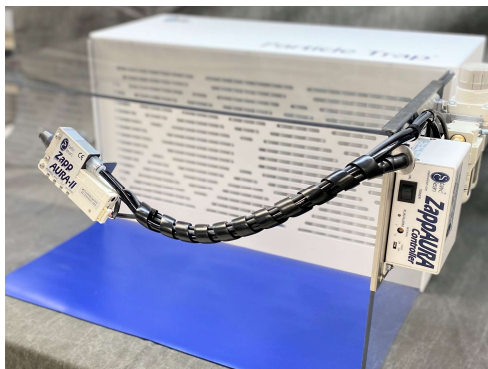


ZnT 6000 & ZnT Mini

- **ZappAURA-II Ionizing Nozzle** neutralizes static for optimal cleaning of particulates, mitigating risk of recontamination of parts due to ESA (electrostatic attraction)
- **ZACII Controller** and adjustable Sensor:
 - Turns on ionizer and compressed airflow when parts are presented in the **ZnT** hood
 - Can be adjusted for constant, (10Hz) High or (5Hz) Low-Frequency Pulsed blow-off, excellent for purging particles out of hard-to-clean crevices
 - Includes adjustable off-delay timer to ensure the ionized airflow stays on if parts are optically clear or have openings the sensor can see through
 - Can be adjusted for optimal cleaning distance for process control and efficiency.
- Clear polycarbonate Hood enhances cleaning performance and visual inspection (custom Hoods available)
- Adjustable fan speed for optimal performance
- Quick, easy change-out of Prefilter w/o tools
- Medical Grade MERV-11 Prefilter
- HEPA filter captures 99.97% of ≥ 0.3 -micron particles

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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/5.7m ³	96 cfm/2.7m ³
Cabinet	Welded steel	
Paint	Epoxy Powder-Coat thermally processed	
Impeller Fan	Plastic PA6, fiberglass reinforced w/Thermal Overload Protection	
Certifications	CE	

Part Numbers For	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	