

Particulate 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.

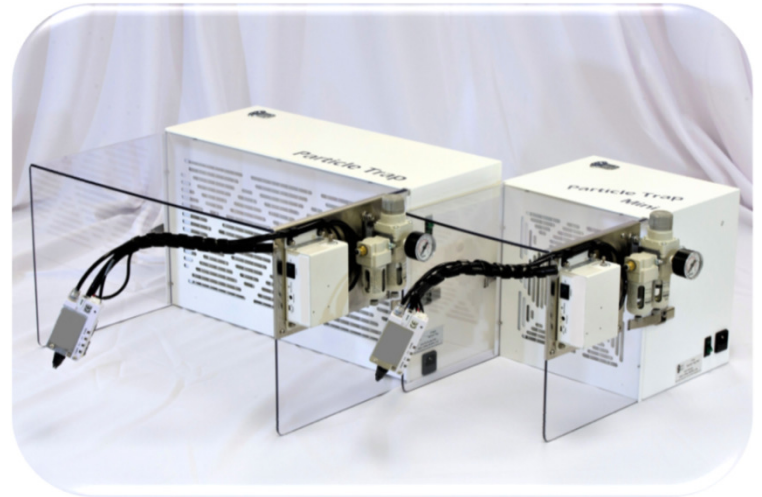
Clean with **Particle Trap®** Confidence!

■ 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

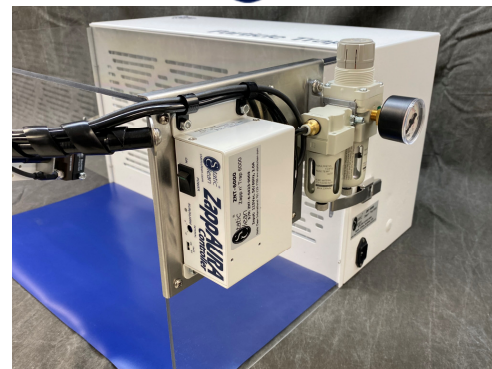
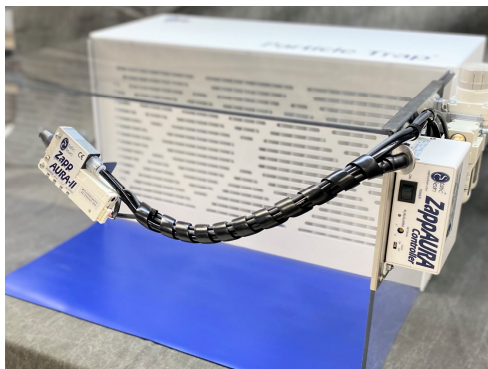
- **Particle Trap®** with integrated Ionizing Blow-Off System
- Significantly reduces costly rejects, teardown and rework
- Compact size maximizes bench space



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

Particulate 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/5.7m 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	TM1 1x20.5 (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	