

Particulate Control

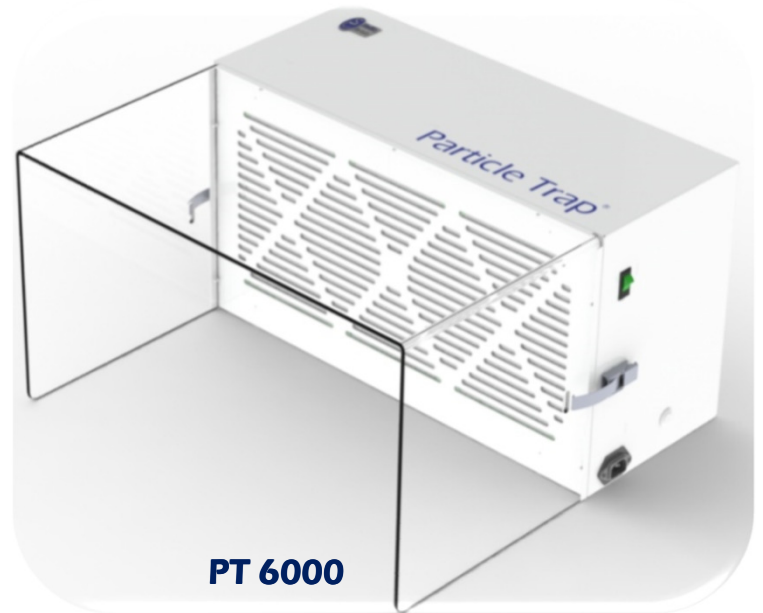
Particle Trap® 6000 & Particle Trap® Mini



Particle Trap® 6000 (PT 6000) and **Particle Trap® Mini (PT Mini)** are innovative particulate source-capture systems that solve a major problem when blowing off particles in controlled or clean room environments. With the **Particle Trap®** contaminants are permanently removed from the environment and process, ensuring foreign matter (FM) is eliminated when cleaning your medical devices, optics, sensitive electronics and packaging materials.

■ FEATURES & BENEFITS

- Significantly reduces costly rejects, teardown and rework
- Compact size maximizes bench space
- The combination of a prefilter and HEPA filter trap particulates using negative pressure, permanently removing contaminants
- HEPA filter captures 99.97% of particles ≥ 0.3 -microns
- Medical Grade MERV-11 Prefilter
- Quick, easy change-out of Prefilter w/o tools
- Clear Polycarbonate Hood optimizes performance and visual inspection
- Adjustable fan speed for optimal performance
- Ideal for use with AGZIII Ionizing Blow-Off Gun or ZappAURA Ionizing Nozzles (sold separately)
- Custom Hoods available
- Optional Floor Stand if bench space is limited



Clean with **Particle Trap®** Confidence!

■ APPLICATIONS

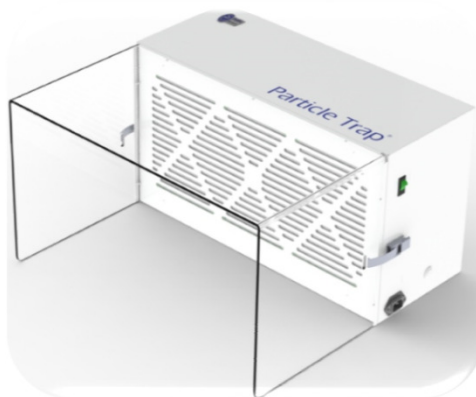
- Designed for use with Ionizing Blow-Off Guns or Nozzles, to source-capture and trap FM blown off in a cleanroom environment
- PT 6000 is ideal for larger parts, assemblies and packaging trays
- PT Mini is best suited for small to mid-size parts and assemblies
- Medical Device applications including:
 - Parts cleaning
 - Package cleaning
 - Thermoformed trays
 - Pouch cleaning
 - Tyvek lid cleaning
- Optics processing, assembly and packaging
- Injection Molded parts (e.g., de-gating, mold-flash, airborne particles)

Particulate Control Particle Trap® 6000 & Particle Trap® Mini



“Before the Particle Trap® and AGZIII, the line had around 7% rework in packaging and now it's a little under 2%. We've already ordered another 2 Particle Traps and AGZIII to be installed at other lines. This is a very flexible piece of equipment and fits most of our needs.”

Hugo Machado de Castro
Scitech Medical
Processes Coordinator



Specifications	Particle Trap® 6000	Particle Trap® Mini
Width	21.2"/538mm (w/o latches)	11.2"/284mm (w/o latches)
Height	12.0"/305mm	12.0"/305mm
Depth Total	19.6"/498mm	18.2"/462mm
Depth of Cabinet	8.5"/216mm	9.2"/229mm
Depth of Hood	11.0"/279mm	9.0"/229mm
Weight	36 lbs./16.3 kg	21.5 lbs./9.8kg
Max. Current	0.88 Ampere	0.88 Ampere
Nominal Current	0.60 Ampere	0.60 Ampere
PT6000 & PT-Mini	115 VAC 50/60Hz	115 VAC 50/60Hz
PT6000-230 & PT-Mini-230	230 VAC 50/60Hz	230 VAC 50/60Hz
Noise	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	
Fan	Plastic PA6, fiberglass reinforced Thermal Overload Protector wired internally	
Certifications (CE)	Low Voltage Directive (LVD) – 2014/35/EU Electromagnetic Compatibility Directive (EMCD) – 2014/30/EU	

Part Numbers For	Particle Trap® 6000	Particle Trap® Mini
Particle Trap® 6000, 115VAC w/power cord, w/o hood	PT6000	-
Particle Trap® 6000, 115VAC w/power cord & hood	PT6000-115	-
Particle Trap® 6000, 230VAC w/o power cord, w/o hood	PT6000-230	-
Particle Trap® Mini, 115VAC w/power cord & hood	-	PTM
Particle Trap® Mini, 230VAC w/o power cord, w/hood	-	PTM-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	TM09x10.5
Power Cord, right angle, 115VAC	378-0004	378-0004