

# Contamination Controls Particle Trap CUBE™

Capture Particles right at the Source!!

Clean Medical Assemblies • Clean Optics • Clean Electronic Assemblies • Clean Molded Parts

The Particle Trap Cube (PT Cube) is a source capture tool that solves a major problem related to blowing off particles in manufacturing and clean room environments. Clean your parts with confidence without compromising the integrity of your clean room.

The PT Cube employs static neutralization, adjustable high velocity compressed air nozzles, a powerful blower to entrain particles, and a MERV11 filter to trap them all in a single compact unit occupying minimal bench space. Most commonly used in Medical Device & Packaging, Electronics, Industrial Manufacturing applications, or wherever there is a requirement for scrupulously clean parts. The PT Cube allows you to clean parts with little risk of contaminating the surrounding work area.



**Features:**

- Three air nozzles (2 at the ceiling; 1 at the floor) delivers aggressive compressed air (29-87psi) (0.2-0.6MPa) to blow-off your part
- Three single point HDC-AC ionizers for fast static decay rates
- Solid state controller to change fan speed from low to high (max-494cfm)
- Control Knob and Sensor for a Air Nozzle 'on-time' settings of 3, 5, 10, and 15 seconds, or "Real" (time) to keep the nozzles on while under the sensor.
- Illuminated On/Off rocker switch for customer convenience
- 10 micron-rated filter to trap particles
- Air Nozzle pulse settings of 1, 3, 5, and 10 Hertz, or continuous mode
- Regulator with in-knob gage to control the compressed air pressure to nozzles
- Compact size, easily positioned on countertops when bench space is at a premium

| PT Cube Specifications: |                                   |
|-------------------------|-----------------------------------|
| Dimensions:             | 8.85" x 14.17" x 15.75" (WxHxD)   |
| Weight:                 | 19.85 lbs                         |
| Air Pressure:           | 29-87psi (0.31" dia. air fitting) |
| Consumption:            | 9.5cfm @ 43psi (cont. setting)    |
| Voltage:                | AC100V - 240V 50/60Hz             |
| Sound:                  | Min. fan speed 51dBA              |
| Temperature:            | 0-40°C (32-104°F)                 |
| Accessories:            | Manual, Power Cable, Filter       |

**PT Cube Drawings**

