

Model 8800

Vortex Particle Cleaning / Removable System



FEATURES

- Flying Chopper Agitation
- Vacuum Slit Exhaust Contaminated Air
- Steady-State DC Ionizing Bar Integrated System
- Custom Size and Length Available
- Custom and Optimize Number of Flying Choppers
- Ionizer Balance & HV Power Alarms
- Compressed Air Adjustment - Optional

APPLICATIONS

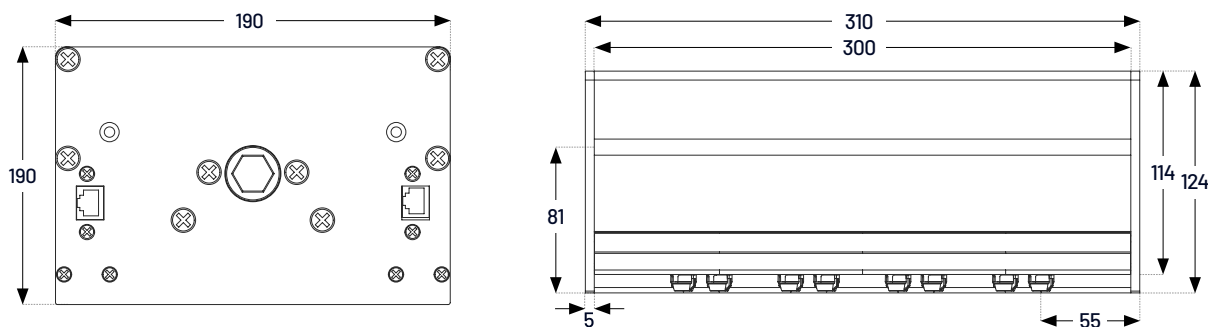
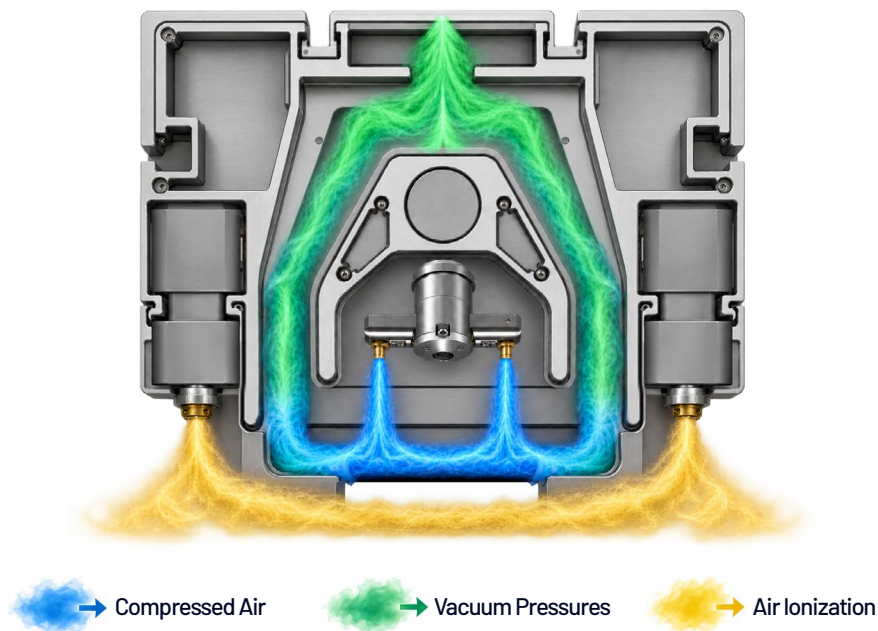
The Flying Chopper agitates the foreign material, causing it to rise and the Vacuum Slit exhausts the surrounding air containing foreign materials along with Steady-State DC ionization system neutralize charge on substrates such as printed circuit board and contaminated planar materials.

SPECIFICATIONS

Vortex System	
Input Compressed Air	0.5 MPa to 4 MPa to Flying Chopper
Output Air Velocity	7.2 m/sec to 16 m/sec
Air Volume	184 L/min at 0.5 MPa to 490 L/min at 4 MPa
Vacuum Pressure	1700 mmAq (16.7 kPa) to 3200 mmAq (31.4 kPa)
Vacuum System Inlet	45 - 65 mm diameter
Dimensions (mm)	190 W x 125 H x 300, 400, 500 L and Custom Length available
Weight	5.8kg for 300mm Length

Ionization System	
Ion Emission	Steady-State DC, Self-Balance Technology
Offset Voltage	Less than 35 V
Discharge Time	Less than 2 seconds at 150 mm
Input Voltage	24V DC
Input Compressed Air for Ionizer	0.1 to 0.3 MPa
Input Air Fitting	6 mm diameter or 8 mm diameter
Emitter Point	Tungsten 99.99%
Alarm	HV Power and Balance Alarms
Dimensions (mm)	190 W x 125 H x 300, 400, 500 L and Custom Length available
Weight	5.8kg for 300mm Length

SIZE & DIMENSIONS (mm)



Flying Chopper Air Velocity (m/sec) and Air Consumption Data

Air Pressure (MPa)	Left	Center	Right	Air Volume (L/min)
0.05	5.2	7.2	5.6	184
0.1	6.5	9.3	6.9	229
0.2	8.7	10.6	9.0	333
0.3	11.2	12.8	10.8	420
0.4	12.3	16.7	12.8	490