

Plasma Cleaner (Parallel Electrode)

Multi Stage Plasma Cleaner

PDC610

High-frequency
Output

Max. 600W

Stage size

250×220 mm

1-stage, 2-stages, 3-stages selectable

Standards

FCC compliant

Compact plasma cleaner with selectable RIE / DP modes and switchable electrodes (1 to 3 stages) covering a wide range of applications.

■ Features

- Maximum power of 600W with compact package
- Electrodes can be switched among 1-stage, 2-stages, and 3-stages
- Supports processing of a vertical magazine
- RIE/DP modes selectable
- Supports integrated data logger (optional)
- Matching point memory function (optional)

■ Applications

- Improvement of adhesiveness of various materials and surface reformation
- Light ashing and light etching process
- Pretreatment of implemented board bonding, plastic package and print board plating
- Processing of LED related commercial products
- Cleaning of electronic parts
- Resist peeling or residue removal after wetting process
- Cleaning of accuracy parts including optics and optical fibers, or machine parts
- Reformation of resin surface including fluoro resin

■ Specifications

Product code	328216
Model	PDC610
Plasma mode	RIE/DP selectable
Electrode structure	3-stage independent parallel flat plates
Vacuum gauge	Capacitance manometer
High frequency output	Max 600W
Oscillation frequency	13.56MHz Quartz oscillator
Output setting method	Manual setting on LCD touch panel
Matching method	Auto tuning
Control device	Sequencer
Display	LCD touch panel
Chamber size	W350×D270×H300 mm
Stage size	W250×D220mm Three stages
Chamber material	Aluminum
Reactive gas	2 systems (Argon and oxygen)
Purge gas	Nitrogen or dry air
Vacuum pump	Rotary vacuum pump (Approx. 345 L/min)
External dimensions	W600×D722×H700 mm
Exterior material	Stainless steel
Weight	Approx. 170kg
Power source (50/60Hz)	AC220V~AC415V Three phase with step-down transformer
Standard accessories	Rotary vacuum pump×1 set, Oilmist eliminator×1 pc, Clamp×3 pcs, Center ring×3 pcs, Flexible tube×1 pc

External dimensions do not include projections.



Chamber



Plasma Discharge

