

Manufacturer
HARRICK

Model
PCD-002-CE



Plasma Cleaner



Plasma creation for surface preparation

The equipment generates an O₂ plasma at low pressures and high frequency voltages for surface modification.

It allows processes as:

- Removal of organic contamination from surfaces
- Modification/enhancement of physical and/or chemical characteristics of surfaces, required in further processes
- Plasma bonding: PDMS/glass, PDMS/PDMS

Technical specifications

- Chamber dimensions: 6 inches in diameter x 6,5 inches in depth
- Plasma available: Oxygen and air
- Pressure range: from 200 mtorr to 600 mtorr
- Flow rate: 5 SCFH to 10 SCFH
- Radio frequency: from 8 MHz to 12 MHz
- Power: from 6,8 to 10,5 W
- PlasmaFlo air flow mixer with two gas inlets
- Maximal flowrate: 49 mL/min $\pm$ 0,98 mL/min

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Aquest equip ha estat cofinançat en un 50% pel Fons europeu de desenvolupament regional en el marc del Programa operatiu FEDER de Catalunya 2007-2013



**Generalitat
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