



DECOATER

NDC 300

Unique Ion Source Technology and Process specially designed for molds.

Leveraging on Nanofilm's patented Ion Source Technology, the decoating process is refined by adjustable etching energy and corresponding parameters, allowing us to optimize the process to obtain the best decoating results at maximum efficiency.

ADVANTAGES

- ✔ **Superior Decoating Results** - Clean Removal, suitable for re-coating
- ✔ **Efficient Decoating Process** - Parameters are highly customizable, leading to a highly efficient decoating process
- ✔ **High Productivity** - Large decoating envelope (diameter 12 inches)

APPLICATIONS AND FEATURES

- ✔ **Dual Processing Methods** - using anodic layer ion source to create RIE and physical etching with Argon ions
- ✔ **Dual Operation Modes** - Two modes of voltage or current permissible
- ✔ **Large Decoating Envelope** - Decoating Chamber of 12 inch diameter

Configuration	Description
Chamber Internal Dimension	423 x 363 x 232 mm
Reactor Type	Anode Layer Ion Source
Vacuum Range	1 x 10 ⁻⁵ Torr
Process Gas Type	Ar + O ₂
Power Supply	3Ph (208 – 400V) ac + N + E (Voltage shall be catered to the respective country's requirements)
Power Rating	15 kW
Extraction System	Rotary Vane Vacuum Pumps, Internationally-Recognized Molecular Pumps
Power Source	ION BEAM Power Source, Voltage Output: 0 – 2,000 V (DC + Pulse) Bias Power Supply, Voltage Output 0 – 1,000 VDC Pulse, 40 kHz, Duty Cycle 20 – 80%
Total Dimension	1,400 x 1,100 x 1,750 mm

Note: CE mark is available upon request

For More Information:
enquiry@nti-nanofilm.com
www.nti-nanofilm.com