

# CD500 Nanofics

## Technical specifications



Process chamber	<u>Material:</u> aluminium <u>Inside dimensions:</u> 500 x 400 x 640 mm <u>Volume:</u> 129 liter <u>Trays:</u> 3, with dimensions 360 x 360 mm
Vacuum measurement	Baratron gauge
Generator	Custom design for Nanofics application
Pumping system	Dry pump group
PLC	PLC with touch screen The PLC: <ul style="list-style-type: none"><li>- runs the process automatically</li><li>- defines different processes as recipes</li><li>- checks pump pressure, pump time, gas flow, working pressure, process time, temperature, forward power of the generator</li><li>- monitors all parameters correctly within preset % of the machine settings</li><li>- uses an operator, process/maintenance password</li></ul>
Electricity	380V AC, 50Hz, 40A
Process gas	1 gas line with MFC (Mass Flow Controller)
Safety features	Emergency-off-switch, vacuum interlock, over temperature interlock, CE-label
Process gas connection	¼"-Swagelok-fitting, input pressure 1 Bar

Options: data logging, additional gas channels, customised loading tray

