

# CD1836 Nanofics

## Technical specifications



Process chamber	<p><u>Material:</u> aluminium <u>Inside dimensions:</u> 1600 x 1350 x 850 mm <u>Volume:</u> 1836 liter <u>Slots:</u> 4, with dimensions 1000 x 285 mm, each slot can hold multiple trays of 285 x 756</p>
Vacuum measurement	Baratron gauge
Generator	Custom design for Nanofics application
Pumping system	Dry pump group
PLC	<p>PLC with touch screen The PLC:</p> <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, 63A
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

