

CD1200 PCB

Technical specifications



Process chamber	<p><u>Material:</u> Aluminium</p> <p><u>Inside dimensions:</u> 700 x 750 x 1280 mm</p> <p><u>Volume:</u> 672 liter.</p> <p><u>Door:</u> front with viewing glass.</p> <p><u>Heating pads:</u> on door and chamber walls.</p> <p><u>Boards:</u> 9 slots, with dimensions 640 x 1060 mm for rigid boards.</p> <p><u>Loading:</u> 1 load wagon with load rack included.</p>
Vacuum measurement	Baratron gauge.
RF generator	Standard 5kW – kHz.
Pumping system	Rotary vane pump group 600m ³ per hour.
Process control	PLC with colour touch screen. The PLC: <ul style="list-style-type: none">- runs the process automatically,- defines different processes as recipes,- checks chamber pressure, pump time, gas flow, working pressure, process time, temperature, forward power of RF generator,- monitors all parameters correctly within preset % of the machine setting,- uses an operator, process/maintenance password.
Electricity	380V AC, 3-phase, 50Hz, 40A.
Process gas	1 gas line with MFC (Mass Flow Controllers).
Process gas connection	1/4 “-Swagelock-fitting, input pressure 1 Bar.
Exhaust connection	28 mm diameter
Safety features	Emergency-off-switch, vacuum interlock, over temperature interlock, CE-label.
<p><u>Options:</u> dry pump group, additional gas channels, data logging, extra load rack and load wagon, customised loading system.</p>	