

TECHNICAL SPECIFICATIONS CD 1000 PLC

Process chamber	<u>Material</u> : aluminium. <u>Inside dimensions</u> : 700 x 700 x 1000 mm. <u>Volume</u> : 490 litres. <u>Door</u> : 1 door with viewing glass. <u>Trays</u> : 8, dimensions 591 x 697 x 40 mm.
Vacuum measurement	Pirani gauge.
RF generator	2500W, KHz.
Pumping system	Rotary dry roughing pump + mechanical booster pump with 480 m ³ per hour capacity.
Electricity	380V AC, 3-phase, 50Hz, 40A.
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 pump 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.
Process gas	1 gas line with MFC (Mass Flow Controller).
Process gas connection	1/4 "Swagelock-fitting, input pressure 1 Bar.
Exhaust connection	38 mm diameter.
Safety features	Emergency-off-switch, vacuum interlock, over temperature interlock, CE-label.

Options : variable pumping speed, supplementary gas channels, rotating basket, roll to roll winding system, customised rack (loading system), automatic start, frequency generator: 2.45 GHz or 13.56 MHz.



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