

TECHNICAL SPECIFICATIONS CD 600 PLC

Process chamber	<u>Material</u> : aluminium. <u>Inside dimensions</u> : 600 x 600 x 600 mm. <u>Volume</u> : 216 litres, 1 door. <u>Door</u> : with viewing glass. <u>Trays</u> : 5, dimensions : 522 x 500 x 40 mm.
Vacuum measurement	Pirani gauge.
Vacuum pump	60 m ³ per hour rotary vane pump with PFPE-fluid.
RF generator	Standard : 1000 W, kHz.
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.
Temperature	Digital display with over temperature interlock.
Electricity	380V AC, 3-phase, 50Hz, 40A.
Process gas	1 gas line with MFC (Mass Flow Controller).
Process gas connection	1/4 "Swagelock-fitting, input pressure 1 Bar.
Exhaust connection	28 mm diameter.
Safety features	Emergency-off-switch, vacuum interlock, CE-label.

Options : Mechanical booster pump 300m³/h, dry pump + mechanical booster pump, supplementary gas channels, rotating basket, customised rack (loading system), frequency generator: 13.56 MHz or 2.45 GHz, roll system for textiles, Baratron.



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