

TECHNICAL SPECIFICATIONS CD1800PLC Automotive

Process chamber	<u>Material</u> : aluminium. <u>Inside dimensions</u> : 1750 x 1800 x 1050 mm. <u>Volume</u> : 3.300 liters.
Vacuum measurement	Pirani gauge.
RF generator	5000W – kHz (water cooled).
Pumping system	Dry pumps with roots (water cooled).
Process control	PLC with 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.
Electricity	220/380V AC, 3-phase, 50Hz, 63A.
Process gas	2 gas lines with MFC (Mass Flow Controllers).
Process gas connection	1/4 “-Swagelock-fitting, input pressure 1 Bar.
Safety features	Emergency-off-switch, RF interlock, over temperature interlock, CE-label.

Options : Custom loading rack, supplementary gas lines, customised software, automatic start, frequency generator: 2,45 GHz or 13,56 MHz, N2 purge, Baratron.



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