

TECHNICAL SPECIFICATIONS CD 300 PLC

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| Process chamber | <u>Material</u> : aluminium. <u>Inside dimensions</u> : 300 x 300 x 300 mm. <u>Volume</u> : 27 litres. <u>Door</u> : 1 with viewing glass. <u>Trays</u> : 3, dimensions : 205 x 260 x 40 mm. |
| Vacuum measurement | Pirani gauge. |
| RF generator | Standard 300 W, kHz. |
| Pumping system | Rotary vane pump 20 m 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 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 | 380V AC, 3-phase, 50Hz, 40 A. |
| Process gas | 1 gas line with MFC (Mass Flow Controller). |
| Process gas connection | 1/4 "-Swagelok-fitting, input pressure 1 Bar. |
| Exhaust connection | 28 mm diameter. |
| Safety features | Emergency-off-switch, vacuum interlock, over temperature interlock, CE-label. |

Options : Supplementary gas channels, dry pump + roots, customised software, customised rack (loading system), automatic start, frequency generator: 2.45 GHz or 13.56 MHz., N2 purge, roll-to-roll system, Baratron.



EUROPLASMA NV
 De Bruwaan 5d
 9700 OUDENAARDE
 BELGIUM
 Phone : +32 55 30 32 05
 Fax : +32 55 31 87 53
Sales@Europlasma.be
www.Europlasma.be