



- surface technology
- plasma technology
- CVD-coatings



Plasma unit Type PORTA 900

Specifications:

Unit dimensions:	Rack mounted, 1650 mm x 2050 mm x 3200 mm (WxHxD)
Plasma chamber:	Material: stainless steel Volume: 730 lt. Dimensions: 900 mm x 900 mm x 900 mm (WxHxD) Window: DN100 with RF protection
Gas quantity regulation:	Automatic gas flow controllers (MFC)
Working pressure:	1 to 100 Pa
RF Frequency:	Water cooled electrode system, high-frequency-generator
Safety elements:	Inductive coded door-safety-contact, emergency-stop, low-pressure switch
Process control:	IPC controller with colour display, Siemens S7-PLC, control software Pro Tool Pro and visualization run under Windows®
Connection values:	Power: 400 V, (L1, L2, L3, N, P), 50 Hz Compressed air: 6 bar, water- and oil-free Process gases: 2 to 2.5 bar Water: 2 to 3 bar, 6 to 11 lt/min (during plasma process) Power: max. 30 kW
Weight:	Approx. 1000 kg, without pumps
Vacuum pump:	Vacuum pumping unit
Security:	Conform to the valid CE regulation norms
Options:	
Printer and modem:	Printer and modem for maintenance at distance

