



- surface technology
- plasma technology
- CVD-coatings



Plasma unit type PICCOLO

Specifications:

Unit dimensions:	Bench mounted, 600 mm x 1900 mm x 800 mm (WxHxD)
Plasma chamber:	Material: stainless steel Volume: 45 lt. Dimensions: 350 mm x 300 mm x 430 mm (WxHxD)
Gas quantity regulation:	1-(4) automatic gas flow controllers (MFC)
Working pressure:	10 to 100 Pa
Frequency maintenance:	Alternatively Microwave-system: PE GIGATRON® electrode system, 0 to 600 Watt, 2.45 GHz RF-system: 0 to 600 Watt, 13.56 MHz, with automatic RF matchwork LF-system: 0 to 600 Watt, 40 to 300 kHz
Safety elements:	Inductively coded door-safety-contact, emergency-stop, low-pressure switch
Process control:	PLC with display (2 x 20 spaces), foil key, all parameters programmable
Connection values:	Power: 400 V, (L1, L2, L3, N, P), 50 Hz Compressed air: 6 bar water- and oil-free Process gases: 5 bar Power: 0.5 kW
Weight:	Approx. 200 kg, including pumps
Security:	Conform to the valid CE regulation norms

Options:

Vacuum pump:	Vacuum pumping unit, chemical resistant, PFPE-oil filled
Rotary drum:	Usable volume 5 lt.
PC-control unit:	IPC, visualisation software and program run under Windows®
Printer and modem:	Printer and modem for maintenance at distance
Vacuum measurement:	Equipment with Baratron

