

Low-pressure plasma system V6-G

Efficient tabletop unit

The standard unit V6-G is designed as a tabletop device for industrial small series production as well as for the low-pressure plasma treatment in R&D laboratories. It can be used for the surface treatment processes cleaning and activation. The integrated professional PLC control serves as a storage for definable processes and parameters.

System features

- Microwave coupling from the top
- Swing door
- Remote maintenance (VPN) / USB-Port / Ethernet interface and controller with enhanced functionality

Options

- Vacuum pump (external)
- Ozone trap
- Up to two additional gas inlets
- Rotary drum for the treatment of bulk material
- Rack with shelves
- Lateral microwave coupling
- Soft start and slow vent
- Oxygen concentrator
- Heated vacuum chamber



Technical data

Dimensions of the system (W x D x H)	640 x 710 x 710 mm
Dimensions of the chamber (W x D x H)	170 x 200 x 170 mm
Plasma excitation frequency	Microwave (2.45 GHz)
Microwave power	50-300 W
Gas inlets with Mass-Flow-Controller	1 channel
Power supply	230 V, 50 / 60 Hz
Power input (without vacuum pump)	0.5 kVA
Vacuum gauge	Pirani
Weight	100 kg