

## Low-pressure plasma system V6-G

### Efficient tabletop unit



Easy operation due to a user-friendly touch screen panel with clear menu guidance.

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
- Automatic venting of the pump line after system switch-off

#### Options

- Vacuum pump
- 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
- Remote maintenance (VPN)/USB-Port/Ethernet interface and controller with enhanced functionality

#### 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



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