

**LOW-PRESSURE
PLASMA SYSTEMS**

Pico



DIMENSIONS

Tabletop unit

310 - 560 mm x 211 - 860 mm x 420 - 600 mm
(D 570 - 750 mm incl. connector) (WxHxD)

Stand-alone unit

600 mm x 1910 mm x 800 mm
(W 750 mm incl. connector) (WxHxD)

VAKUUMKAMMER

Stainless steel round*

Ø 150 mm, D 320 mm

Stainless steel rectangular, hinged door

W 160 mm x H 160 mm x D 325 mm

Aluminium rectangular, hinged door

W 150 mm x H 160 mm, D 325 mm (max. 3 m)

Quartz glass (UHP)*

Ø 130 mm, D 300 mm

Borosilicate glass (HP)*

Ø 130 mm, D 300 mm

***round with lid (opt. hinged door)**

Further depths on request

CHAMBER VOLUME

approx. 5 - 8 litres

GAS SUPPLY

Needle valves or mass flow controllers (MFCs)

GENERATOR FREQUENCY

40 kHz / 0 - 200 W; 100 kHz / 0 - 500 W
13.56 MHz / 0 - 300 W (Max. 200 W); 2.45 GHz / 0 - 300 W

ELECTRODES

According to customer requirements

CONTROLS

Semiautomatic
Basic PC control (Windows CE)
Full PC control (Windows 10 IoT)

POWER SUPPLY

230 V / 50 - 60 Hz for tabletop unit
400 V / 50 - 60 Hz, 3 phases for stand-alone unit

PRESSURE MEASUREMENT

Pirani, Capacity pressure gauge

VACUUM PUMP

Capacity: min. 6 m³/h