

**LOW-PRESSURE
PLASMA SYSTEMS**

Nano



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)

VACUUM CHAMBER

Stainless steel round, hinged door

Ø 267 mm, D 420 mm

Stainless steel rectangular, hinged door

W 240 mm x H 240 mm x D 420

Aluminium rectangular, hinged door

W 240 mm x H 240 mm x D 420 mm (max. 3 m)

Silica glass (UHP)*

Ø 240 mm, D 400 mm

Borosilicate glass (HP)*

Ø 240 mm, D 400 mm

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

Further depths on request

CHAMBER VOLUME

approx. 18 - 24 litres

GAS SUPPLY

Needle valves or mass flow controllers (MFCs)

GENERATOR FREQUENCY

100 kHz / 0 - 500 W; 80 kHz / 0 - 1000 W
13.56 MHz / 0 - 300 W; 2.45 GHz / 0 - 600 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. 16 m³/h