



**LOW-PRESSURE  
PLASMA SYSTEMS**

# Pico



## **DIMENSIONS**

### **Tabletop unit**

310 - 560 mm x 330 - 860 mm x 420 - 600 mm  
(D 570 - 750 mm incl. connector) (WxHxD)

### **Stand-alone unit**

600 mm x 1700 mm x 800 mm  
(W 750 mm incl. connector) (WxHxD)

## **VAKUUMKAMMER**

### **Stainless steel round with cover**

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 160 mm x H 160 mm, D 325 mm

### **Quartz glass (UHP)\***

(Ø 130 mm, D 300 mm)

### **Borosilicate glass (UHP)\***

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 / Rotary switch  
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 m<sup>3</sup>/h