



**LOW-PRESSURE  
PLASMA SYSTEMS**

# Femto



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

## **VACUUM CHAMBER**

### **Stainless steel\***

Ø 100 mm, D 278 mm

### **Stainless steel rectangular, hinged door**

W 103 mm x H 103 mm x D 285 mm

### **Aluminium rectangular, hinged door**

W 110 mm x H 120 mm x D 300 mm

### **Silica glass (UHP)\***

Ø 95 mm, D 280 mm

### **Borosilicate glass (HP)\***

Ø 95 mm, D 280 mm

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

**Further depths on request**

## **CHAMBER VOLUME**

approx. 1 - 3 litres

## **GAS SUPPLY**

Needle valves or mass flow controllers (MFCs)

## **GENERATOR FREQUENCY**

40 kHz / 0 - 100 W; 100 kHz / 0 - 500 W  
13,56 MHz / 0 - 100/200 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 units  
400 V / 50 - 60 Hz, 3 phases for stand-alone units

## **PRESSURE MEASUREMENT**

Pirani, Capacity pressure gauge

## **VACUUM PUMP**

Capacity: min. 3 m<sup>3</sup>/h