



**LOW-PRESSURE  
PLASMA SYSTEMS**

# Tetra 30



## **DIMENSIONS**

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

## **VACUUM CHAMBER**

**Stainless steel rectangular, door with hinge**

W 305 mm x H 305 mm x D 370 mm  
W 400 mm x H 140 mm x D 625 mm  
W 305 mm x H 300 mm x D 625 mm

**Aluminium rectangular, door with hinge**

W 305 mm x H 300 mm x D 370 mm  
W 305 mm x H 300 mm x D 625 mm  
Depth up to 3 m are possible

**Silica glass (UHP)**

Ø 300 mm, D 400 mm

**Borosilicate glass (HP)**

Ø 300 mm, D 400 mm

## **CHAMBER VOLUME**

Approx. 34 l - 50 litres

## **GAS SUPPLY**

Needle valves or mass flow controllers (MFCs)

## **GENERATOR FREQUENCY**

40 kHz / 0 - 1500 W  
80 kHz / 0 - 1000 W; 0 - 3000 W  
13.56 MHz / 0 - 300 W  
2.45 GHz / 0 - 850 W

## **ELECTRODES**

One- or multi-tier  
RIE electrode with gas shower

## **CONTROLS**

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

## **POWER SUPPLY**

400 V / 50 - 60 Hz

## **PRESSURE MEASUREMENT**

Pirani, Capacity pressure gauge

## **VACUUM PUMP**

In different sizes and from different manufacturers  
(if required with activated carbon filter)