



**LOW-PRESSURE
PLASMA SYSTEMS**

Tetra 30



DIMENSIONS

600 mm x 1700 - 2100 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
Depths 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)