



**LOW-PRESSURE
PLASMA SYSTEMS**

Tetra 45



DIMENSIONS

870 mm x 1910 mm x 1000 mm
(W 1000 mm incl. connector) (WxHxD)

VACUUM CHAMBER

Aluminium rectangular with door

W 572 mm x H 125 mm x D 650 mm

Aluminium rectangular with drawer

W 572 mm x H 125 mm x D 650 mm

Depth up to max. 3 m possible

CHAMBER VOLUME

approx. 45 litres

GAS SUPPLY

Mass flow controller (MFC)

GENERATOR FREQUENCY

80 kHz / 0 - 1000 W; 0 - 3000 W

100 kHz / 0 - 500 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)