



**LOW-PRESSURE
PLASMA SYSTEMS**

Tetra 100



DIMENSIONS

19" rack with connections
600 mm x 1700 mm - 2100 mm x 800 mm
(W 750 mm incl. connector) (WxHxD)

VACUUM CHAMBER

Stainless steel / aluminium

Rectangular, hinged door

W 400 mm x H 400 mm x D 625 mm

Depths of max. 3 m possible

CHAMBER VOLUME

approx. 100 litres

GAS SUPPLY

Mass flow controller (MFC)

GENERATOR FREQUENCY

80 kHz / 0 - 1000; 0 - 3000 W

13.56 MHz / 0 - 300 W; 0 - 600 W; 0 - 1000 W

2.45 GHz / 0 - 1000 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)