electronic diener
Plasma-Surface-Technology

Femto

Low-pressure plasma
低压等离子系统

适用于等离子清洗、活化、蚀刻及涂层



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Femto

Low-pressure plasma

低压等离子系统

技术参数

外形尺寸
桌上型设备
宽 约 310 - 560 mm (12.2“ - 22“)
深 约 420 - 600 mm (16.5“ - 23.6“)
(含接口570 - 750 mm (22.4“ - 29.5“))
高 约 330 - 860 mm (13“ - 33.9“)
站立式设备
宽 约 600 mm (23.6“)
(含接口750 mm (29.5“))
深 约 800 mm (31.5“)
高 约 1700 mm (66.9“)

腔体容积
约 1.9 - 6 升

电源
230 V AC桌上型设备
400 V AC/ 3相电 站立式设备

真空腔体
不锈钢
圆柱形配盖子门
Ø100 mm (3.9“), L 278 mm (10.9“)或 600 mm (23.6“)
矩形配铰链门
宽103 mm (4.1“),深 285 mm (11.2“),高103 mm (4.1“)
铝合金
矩形配铰链门
宽110 mm (4.3“)高120 mm (4.7“),深 280 mm (11“)
或 600mm (23.6“)
石英玻璃(UHP)
圆柱形配盖子门或配铰链门
Ø95 mm (3.7“), L 280 mm (11“) 或 L 600 mm (23.6“)
硼硅玻璃 (UHP)
圆柱形配盖子门或配铰链门
Ø95 mm (3.7“), L 280 mm (11“)或 600 mm (23.6“)

控制
半自动
PCCE-控制 (Microsoft Windows CE)
PC-控制 (Microsoft Windows POS Ready 2009)
旋转开关

发生器频率
40 kHz功率 0 - 100 W; 0 - 1000 W
100 kHz功率 500 W
80 kHz功率 1000 W
13,56 MHz功率 0 - 200 W
2,45 GHz功率 0 - 100 W; 0 - 300 W
所有发生器功率均可 0 - 100 % 无级可调

Technical data

Cabinets
Tabel top
Width approx. 310 - 560 mm (12.2“ - 22“)
Depth approx. 420 - 600 mm (16.5“ - 23.6“)
(570 - 750 mm (22.4“ - 29.5“) incl. plugs)
Height approx. 330 - 860 mm (13“ - 33.9“)
Stand alone
Width approx. 600 mm (23.6“)
(750 mm (29.5“) incl. plugs)
Depth approx. 800 mm (31.5“)
Height approx. 1700 mm (66.9“)

Chamber volume
Approx. 1.9 - 6 Litres

Power supply
230 V AC for tabel top system
400 V AC/ 3 phases for stand alone system

Vacuum chambers
Stainless steel
Round with cover
Ø 100 mm (3.9“), L 278 mm (10.9“) or 600 mm (23.6“)Rectangular with hinged door
W 103 mm (4.1“), D 285 mm (11.2“), H 103 mm (4.1“)Aluminium
Square with hinged door
Ø 110 mm (4.3“) x 120 mm (4.7“), L 280 mm (11“) or 600 mm (23.6“)
Quarzglas (UHP)
Round with cover or with hinged door
Ø 95 mm (3.7“), L 280 mm (11“) or L 600 mm (23.6“)-
Borosilikatglas (UHP)
Round with cover or with hinged door
Ø 95 mm (3.7“), L 280 mm (11“) or 600 mm (23.6“)

Control
Semi Automatic
PCCE-control (Microsoft Windows CE)
PC-control (Microsoft Windows POS Ready 2009)
Rotary switch control

Generator Frequency
40 kHz Power 0 - 100 W; 0 - 1000 W
100 kHz Power 500 W
80 kHz Power 1000 W
13,56 MHz Power 0 - 200 W
2,45 GHz Power 0 - 100 W; 0 - 300 W
All generators are continuously adjustable
from 0 - 100 %