



**LOW-PRESSURE  
PLASMA SYSTEMS**

# Zepto (LOW COST / LOW BUDGET)



## **DIMENSIONS**

425 mm x 185 mm x 450 mm (WxHxD)

## **VACUUM CHAMBERS**

### **Silica glass (UHP)\***

Ø 105 mm, depth 300 mm

### **W6 silica glass (UHP)\***

Ø 160 mm, depth 180 mm

### **Borosilicate glass (HP)\***

Ø 105 mm, depth 200 mm

### **W6 borosilicate glass (HP)\***

Ø 160 mm, depth 180 mm

### **RIE - Aluminium bell round with lid**

Ø 190 mm, depth 60 mm

### **Rectangular chamber - lime-natron-glass**

135 mm x 120 mm x 65 mm (WxHxD)

**\*round with lid (opt. hinged door)**

## **CHAMBER VOLUME**

approx. 1- 4 litres

## **GAS SUPPLY**

Needle valves

Mass flow controllers (MFCs)

## **GENERATOR FREQUENCY**

40 kHz power 0 - 100 W

13.56 MHz power 0 - 200 W

## **ELECTRODES**

The electrodes are outside of the vacuum chamber

## **CONTROL**

Manual

Rotary switch

Basic PC control (Windows CE)

Low Cost PC control (Windows 10 IoT)

## **POWER SUPPLY**

230 V / 50 - 60 Hz

## **PRESSURE MEASUREMENT**

Optional Pirani

## **VACUUM PUMP**

Capacity: approx. 3 m<sup>3</sup>/h