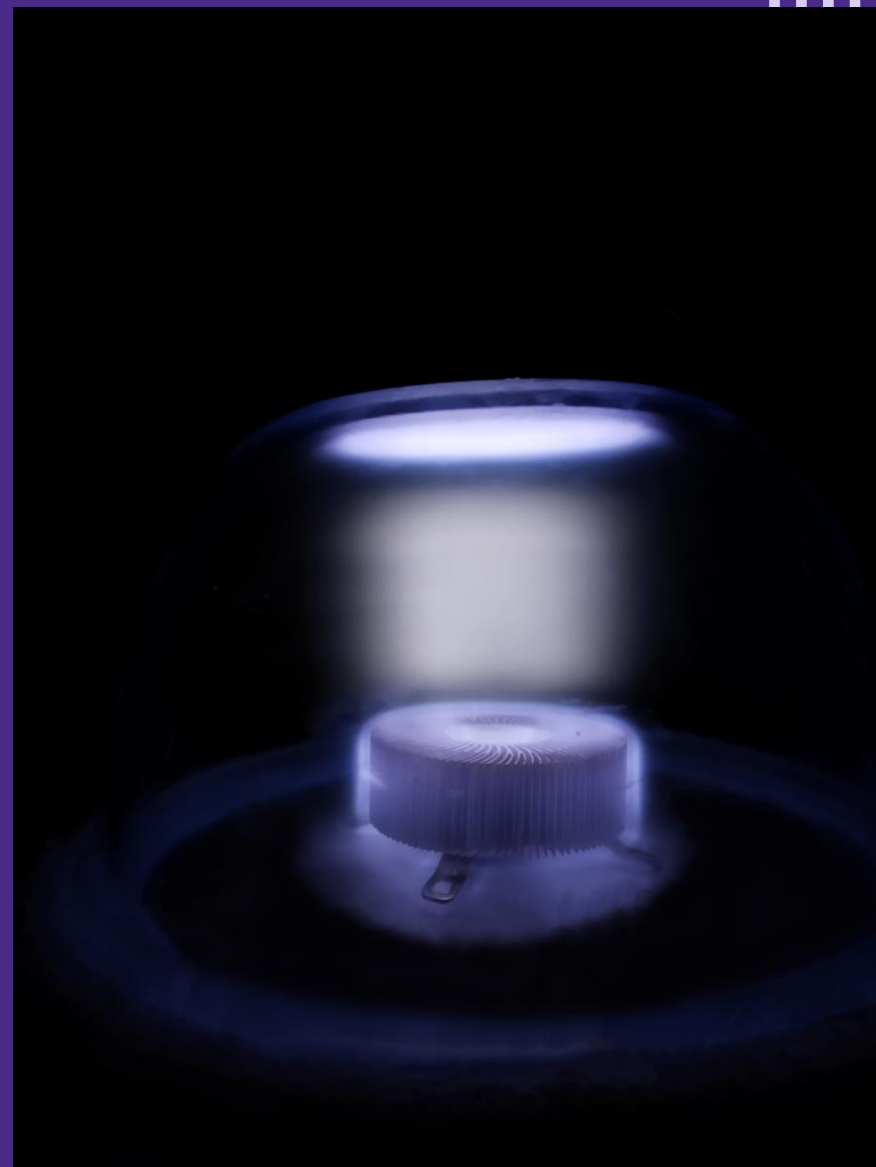


# Plasma Treata Tech Company

Plasma Treata Tech Company is a specialized company manufacturing different kinds of plasma devices for various applications, including medical, industrial, etc.





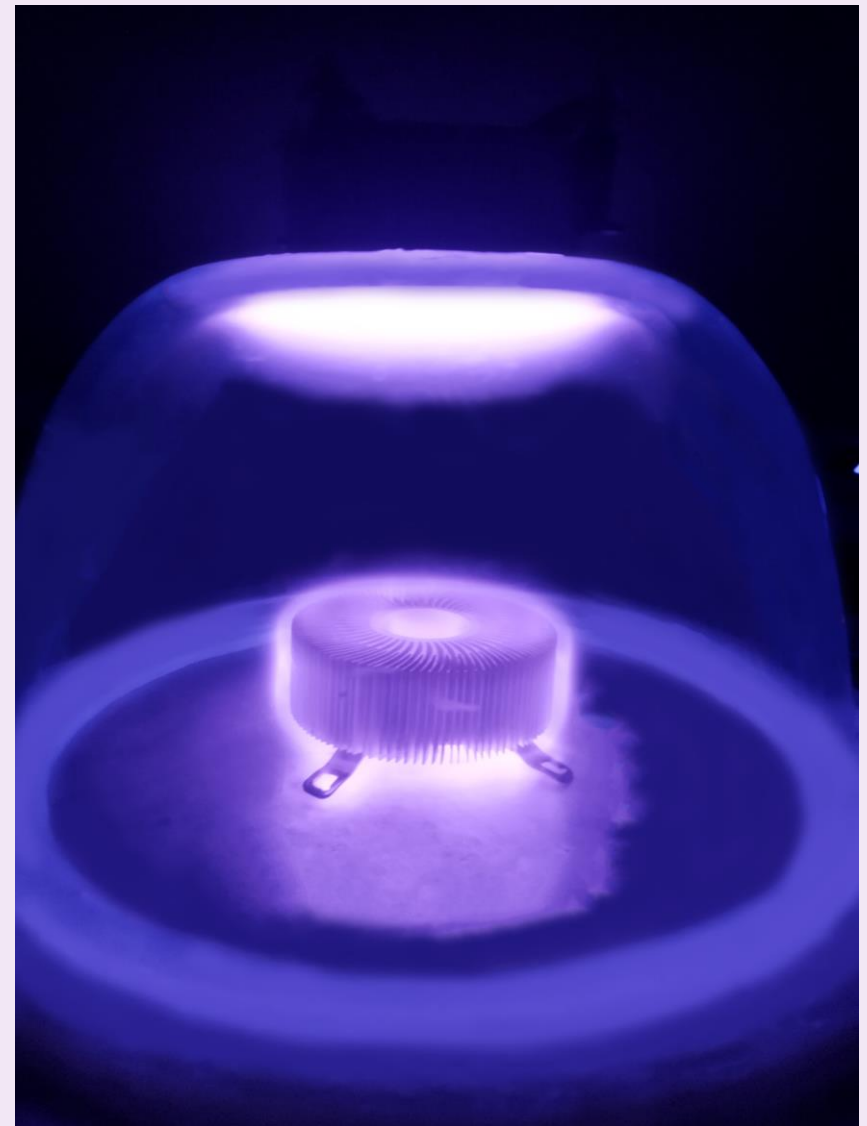
## Contact Us

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# MW Plasma Treatment System

## Applications

- ✓ Plasma Etching
- ✓ Plasma Ashing
- ✓ Plasma Cleaning
- ✓ Surface activation
- ✓ Microwave plasma gas-phase synthesis
- ✓ PECVD(plasma enhanced chemical vapor deposition)

# System specification

## Dimensions

610 mm x 440 mm x 360 mm

## Vacuum Chamber

Pyrex Glass

Quartz Glass (optional)

Semi-Sphere with 135 mm Radius

Chamber Volume: approx. 5 Litres

## Power Supply

Input: 220 V / 50 Hz

Output: 2.45 GHz / 0 – 1500 W

DC bias 0 to -2000 V

## Controls

Manual

4" Screen





## System specification

### Vacuum Pump

Two Stage Rotary Vane Edwards

(Pumping Speed:  $20 \text{ m}^3/\text{h}$ )

### Pressure Measurement

Active Pirani Gauge (Digital)

### Gas Control System

Mass Flow Controller (0-20000 sccm)

Needle Valve



Shahid Beheshti University,  
Laser and Plasma Innovation Center,  
Velenjak, Tehran

