

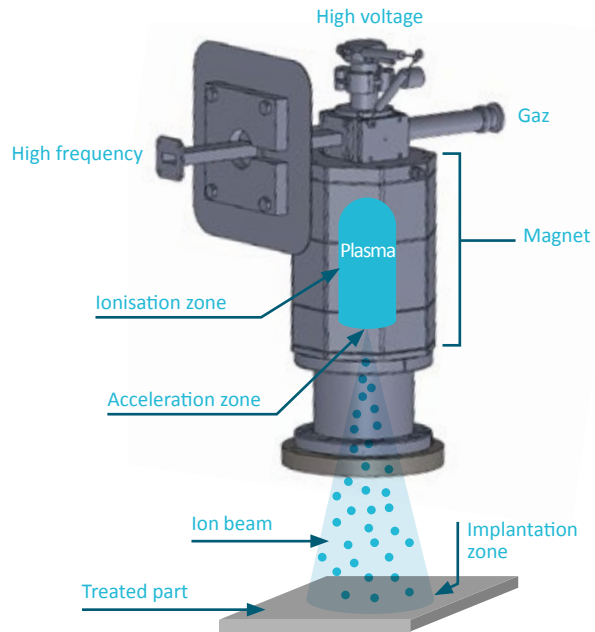
# ionGUN

ion implantation technology

# ionGUN : industrial ion implantation technology for surface enhanced performances

## Benefits

- ▲ Physical cold processes
- ▲ Enhance surface properties without any coatings
- ▲ One technology for any materials
- ▲ No dimensional modification
- ▲ Environment friendly process
- ▲ Cheap operating costs



## Features

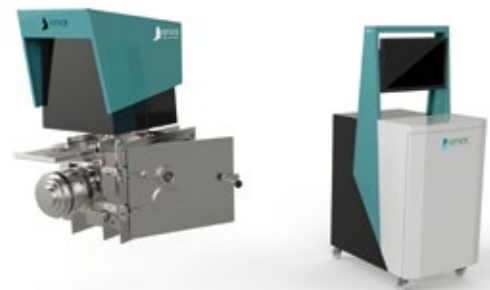
- ▲ Localised surface treatment  $\varnothing$  100 mm
- ▲ Surface modification up to 5  $\mu$ m
- ▲ Compact and robust design for industrial requirements
- ▲ Plug and play system on low pressure chamber
- ▲ Any gases : Ar, He, N<sub>2</sub>, O<sub>2</sub>, SiH<sub>4</sub>

## Options

- ▲ Charges neutralizer for insulating materials
- ▲ Additional pumping unit (PVD system)
- ▲ Full automated and integrated systems on demand

## TECHNICAL DATA

High frequency power supply	10GHz / 50W
High voltage power supply	Power : up to 600W Ion energy : up to 40 kV Ion current : up to 15 mA
Gas flow	From 10 to 200 $\mu$ l/min
Magnetic field	0,5 Tesla
Connection	160 $\varnothing$ flange
Water cooling system	yes



Fully automated with external control desk

