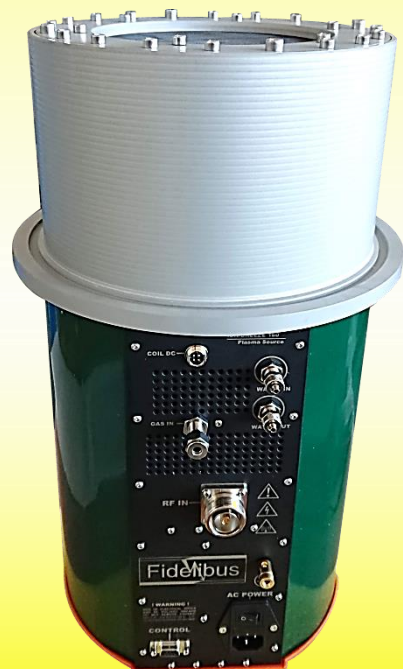


# RF Self-Neutralized Ion Sources

## «BREEZE» – Series



Industrial RF Plasma Systems



### Wide application range

- Plasma Cleaning
- Surface activation
- PVD Assisting
- PECVD

- Built-in impedance matching network (M'Box).
- Neutralizer is not required.
- Easy control by communication port.
- Flexible ion energy control.
- High density of ion current.
- Ion flux without contaminations.
- Long lifetime, easy maintenance.

Parameter	Value	Parameter	Value
Working frequency	13.56 MHz	Energy control	Remote
Matching impedance control	Remote / Manual	RF input	7/16
Working power	300-10000 W	Input impedance	50 Ohm
Ion energy	30-250 eV	Power connection	110-220 V; 50 / 60 Hz
Current density	Up to 5 mA / cm <sup>2</sup>	Magnetic field	DC Coil
Working pressure	0.02-0.5 Pa	Cooling	Water / Fan
Type of gas	Any gases	Grid	Tungsten