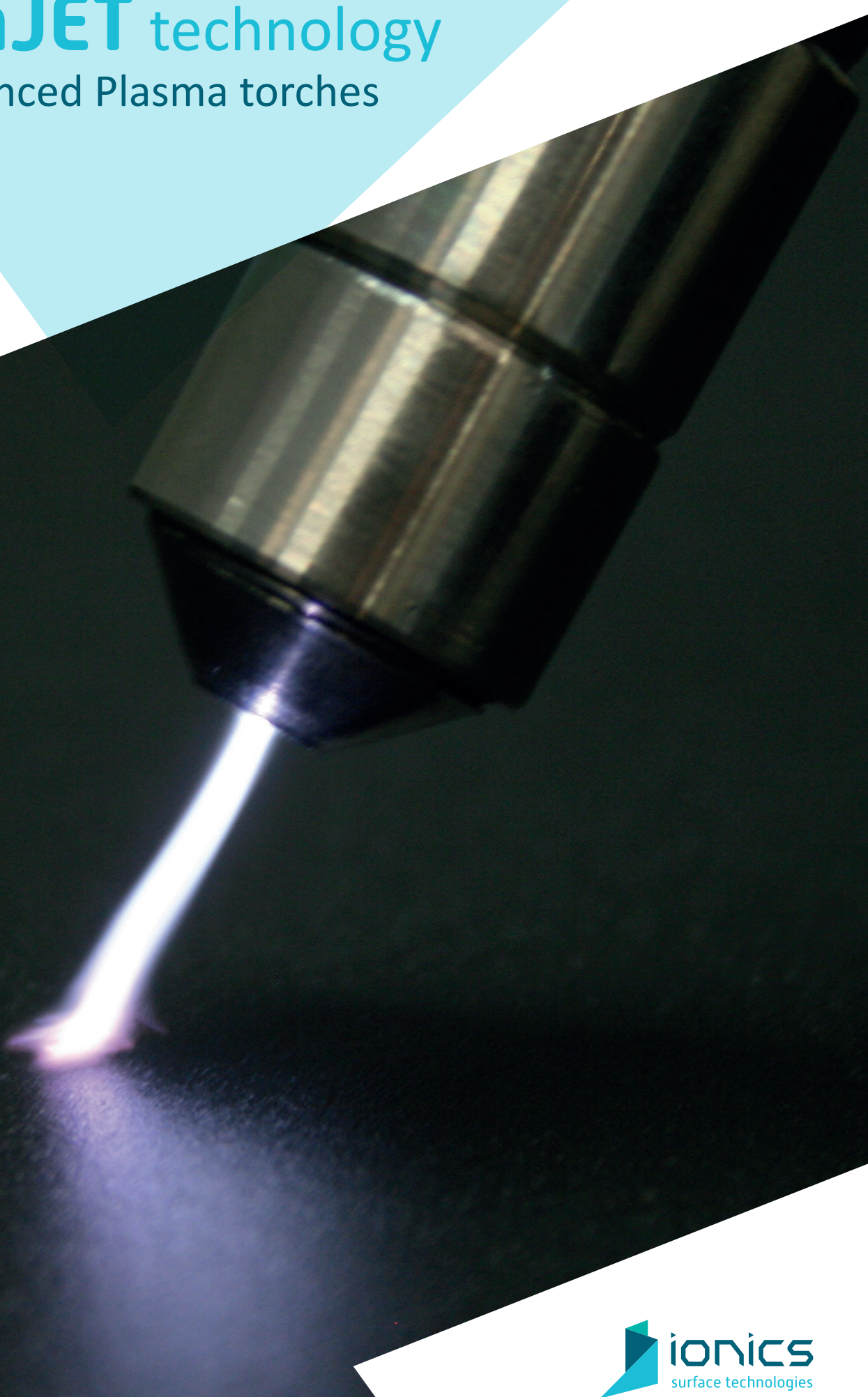


ionJET technology

Advanced Plasma torches



The IONJET is a new atmospheric plasma torch based on the Microwave technology.

Unlike classical plasma torches, this new technology generates a plasma at the outlet of the torch and maximizes the energetic species available to interact with the substrates surface.

Available using air or argon (for more specific application), this plasma torch is very suitable to clean and functionalize surfaces. Using low power (not beyond 200W) and due to his high energetic level, this plasma torch is very adapted to treat temperature sensitive substrates as polymers.

The possibility to use argon as plasmagene gas enable to increase the surface energy of some fluorinated polymers like PTFE, usually difficult to improve.



IonJET is nowadays available:

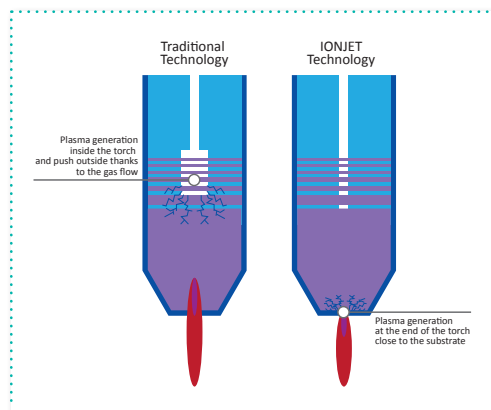
One small machine easy to manipulate, and integrate into your industrial process

- ▲ Spoted and powerful treatment
- ▲ Operating with Air or Argon
- ▲ Cold and fast
- ▲ Handy & easy to use
- ▲ Easy to carry & integrate
- ▲ Easy to adapt on X,Y, Z robot systems
- ▲ Faster treatment due to higher density of species

Due to the higher level of energy available the amount of gas is reduced and the precision of the treatment is accurate!

This new small plasma system is dedicated to precise treatment in the surface cleaning, surface activation, preparation before bonding in the field of

- ▲ Medical instrumentation, parts, ...
- ▲ Electronic devices, (silicon decontamination of surfaces before bonding)
- ▲ Optical parts
- ▲ PTFE and silicone surfaces
- ▲ Epdm, Rubber, Plastics, ...



Process gas	Application	Power level	Plasma flame size
Air	Activation, Cleaning, Etching	40-200W	Diameter: 1 – 5 mm
Argon	Activation (low temperature), cleaning	5-100W	Diameter: 1mm

