

IPR0155

High operating rate plasma unit

The IPR0155 Plasma machine has been designed to be integrated into industrial production lines thanks to its upstream and downstream conveyors.

Production rates depend mainly on the treatments required and the materials of your parts. The radio-frequency plasma enables treatments to be carried out in RIE as well as in direct mode or post-discharge mode.

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Fully configurable in terms of pumping and gas distribution, this machine guarantees simple, effective integration into your industrial processes, whatever your sector of activity.



TECHNICAL SPECIFICATIONS

Machine dimensions	Width	1100 mm
	Height	2100 mm
	Depth	4000 mm
	Weight	1300Kg
Chamber dimensions	Width	780 mm
	Height	80 mm
	Depth	280 mm
Power supply	Tension / Frequency / Power Conformity	400 V / 50Hz / 10kW CE marking
Air supply	Inlet filtration system	Pressure 5 - 8 bars
Human machine interface	Panel PC Password access to parameters Languages available : English and French Process curves display and record Automatic and manual mode	
Gas supply	1 to 5 gas lines Lines equipped with massflow controllers and solenoid valves	
Pressure measurement	Capacitive pressure gauge Piezoelectric pressure gauge	
Plasma generator	13,56 MHz generator	0 - 1000 W
Options	Plasma type : RIE, Direct mode, Post-discharge mode Isolation transformer Loading / unloading device Plasma treatment training Maintenance kit Maintenance and servicing in our premises	