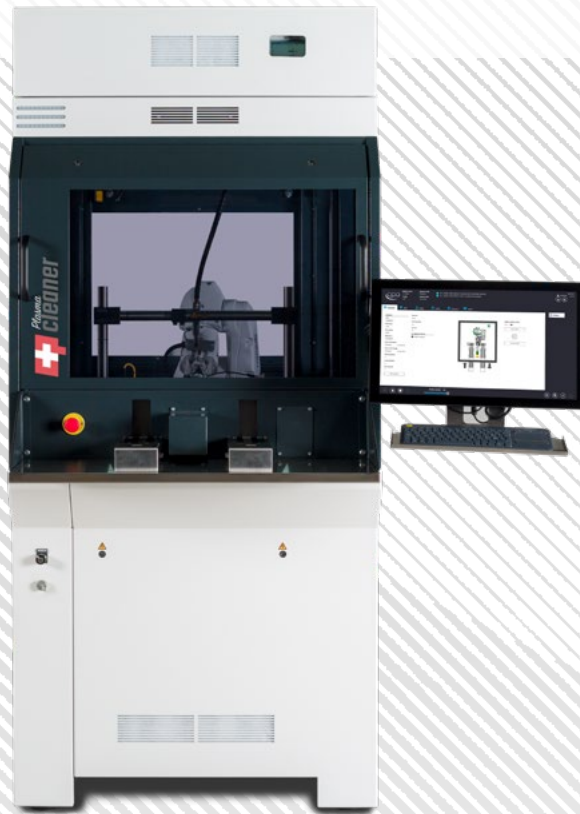


SWISS FLEXIBLE AUTOMATION SOLUTION



Parts cleaning machine using atmospheric pressure plasma

DESCRIPTION

The **Plasma Cleaner** equipment is a surface treatment machine for parts with varying geometries and materials. It uses atmospheric pressure plasma to clean and activate the surface. The treatment is applied by an anthropomorphic robot. The atmospheric pressure plasma process

removes contaminants from the treated surface, then makes it hydrophilic. Thanks to this process, parts are decontaminated, and adhesives, paints and inks easily spread across their surface. In addition, the machine boasts ergonomic semi-automatic loading to guarantee the operator's safety and productivity.

ADVANTAGES



Turnkey

Equipment designed to easily adapt to components.



Easy to use

Optimised operability thanks in particular to semi-automatic loading systems.



Flexibility

Handling of parts of different geometries, from 2 to 100 mm.



Performance

The machine cleans the part in areas defined by the operator, in all 3 dimensions.



Reliability

Compact and flexible machine, designed from standard elements of the CP Series platform.



Service

Remote assistance for diagnostics and intervention.

APPLICATIONS EXAMPLES

1 Plasma activation before adhesion



2 Activation of surfaces before printing, varnishing or lacquering



3 Cleaning and decontamination



TECHNICAL FEATURES

Cell dimensions	1000 x 1100 x 2250 mm (L x D x H)
Power supply	3 x 400 VAC/25 A/50 Hz
Pneumatic air supply	6 bar
Gas discharge	100 mm exhaust tube to be connected by the customer Recommended flow rate: 50 l/min
Weight	750 kg
User interface	Intuitive, user-friendly software with 21" touchscreen
Positioning	via 6-axis anthropomorphic robot
Dimension of parts	2 to 100 mm
Loading	semi-automatic

TECHNICAL DRAWING

