

Vacuum ▶ PVD Thin films ▶ Leak testing ▶ Plasma



Cold plasma surface activation using RF, LF or Microwave

P300



▶ Cold plasma surface activation.

By definition, all surface treatments require special attention to the first atomic layer. The first step to any surface treatment, being PVD or other coatings, consists in a phase of cleaning followed by surface activation.

Various types of plasma excitation are available depending on the nature of the workpieces or substrates and the expected result.

Being one of Alliance Concept's best-seller, the P300 is a versatile plasma surface activation system which can be configured with either microwave, LF or RF power sources.

Why 300 ? Because of its 27 liter cubic stainless steel chamber (300 x 300 x 300).

Low footprint, nice design, user friendly touch screen control interface and of course very competitive overall price: these are the advantages you'll get by adopting a P300 Cold Plasma Surface activation system.



▶ Main features

Chamber dimensions :	300 x 300 x 300 mm
Chamber material :	Stainless steel
Ultimate vacuum (turbomolecular configuration) :	$5 \cdot 10^{-6}$ mbar ^[1]
Ultimate vacuum (rough pumping configuration) :	$5 \cdot 10^{-2}$ mbar ^[1]
Through the wall installation :	Yes, possible
Fully automatic system controller :	- Process management - Traceability

^[1] These values have been measured on equipment we have delivered and should be handled as information only. The features of a system depend on its final configuration.

