



**PROCESS SOLUTIONS
YOU CAN COUNT ON**

VP-10L SERIES

INLINE VACUUM PLASMA TREATMENT SYSTEM

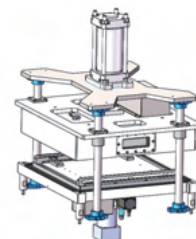
Features & Benefits

- In-line vacuum plasma cleaning process
- Standalone machine or connect with upstream and down-stream tools
- High automation and easy operation
- Motorized conveyor width adjustment
- PLC with touch screen control
- Combination of a two-stage vacuum pump and a roots vacuum pump
- Hollow aluminum block vacuum chamber

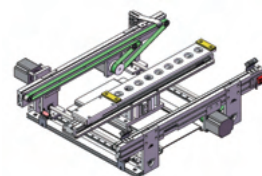
Product Description

The ANDA VP-10L in-line vacuum plasma treatment system is designed for continuous high-volume plasma treatment process operations. The system ensures consistent quality and reduces vacuum plasma treatment time without the need to manually load/offload electrode batch trays.

Vacuum plasma treatment is omni-directional, during the process all surface areas of complex parts and materials are treated and activated simultaneously. Plasma treatment etches away a few atomic layers of material at a time and is an important material surface modification process that is actively used in the manufacturing of small integrated circuit chips and many other products across multiple industries.



Two parts : Upper and Lower chamber



In-line conveyor system for transportation

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Specifications :

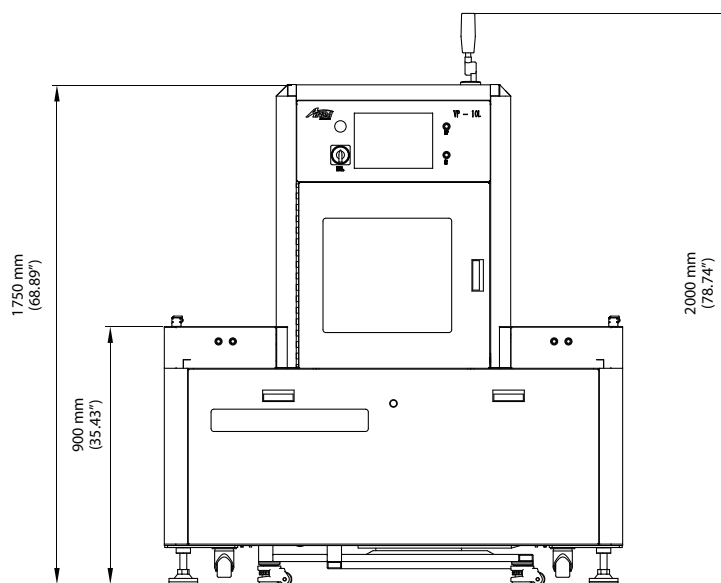
System Specifications

VP-10L Inline Vacuum Plasma Treatment System

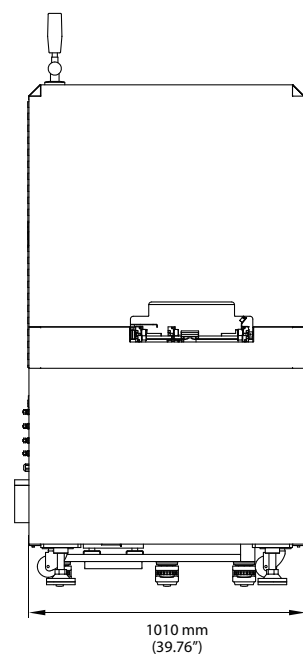
Operation	
Chamber Size	L = 395 mm W = 390 mm H = 75 mm (L = 15.55" W = 15.35" H = 2.95")
Plasma Generator	500W
Gas	Oxygen + Nitrogen + Argon
Vacuum time	15 s
Breaking time	5 s
Transmission system	
Process Flow	L to R (Standard); R to L (Optional)
Conveyor Type	ESD belt
Conveyor Height	900 ± 20 mm (35.4" ± 0.78")
Convery Width Adjustment	Automatic (Motorized)
Driver	Stepping motor
Facility	
Standard footprint	L 1600 x W 1010 x H 2000 mm (L 62.99" x W 39.76" x H 78.74")
Weight	718 kg (326.36 lb)
Air source	0.4 - 0.6 Mpa
Input power	3 phase 380 V 4kw
Interface	
Controller	PLC with touch screen control
Communications Protocol	SMEMA

Standard Features

- Touch screen computer control
- Placed inline with upstream or downstream operation processes
- Online or offline programming
- Light tower beacon
- UPS and voltage stabilizer
- CE Certified



Front View



Side View