AP-4000 Series Atmospheric Plasma System

Introduces the world's best atmospheric plasma surface treatment equipment.
You can maximizes the surface energy of organic materials (plastic, rubber, etc.) by using the chemical properties of the air plasma without damaging the product for strong bonding with chemicals (bond, paint, sealer, etc.).
And is used for cleaning the fine organic film remaining on the inorganic materials surface(glass, metal, etc.) and reducing the oxide film of the metal using the special gas. Also, you can using the polymerization coating option then you can make organic silane coating layer on any materials.
Meet the AP-4000 series built with AETP's unique design and high technology.

AP-4000 : fixed head

AP-4000R : rotational head

Advantage

- Main functions on touch screen
  - Plasma power control: 500W ~ 1000W
  - On / off delay time setting
  - In / Out communication status check and error list check
  - Confirmation of discharge pneumatic pressure and pneumatic limit setting (minimum, maximum)
  - Temperature sensor setting: World's first plasma inspection function
- Robust and safe ultra-small high-voltage transformer : 12000V or more
  - AETP unique design development technology
- Various nozzle design and special nozzle design technology secured
- Compact equipment size and free cable length setting
  - Dimensions: 357 (W) x 534 (D) x 186 (H)
  - Head connecting cable: Basic type 3m / max. 20m (can be produced as long as desired)
- Low maintenance cost: semi-permanent use only with air and electricity (power consumption less than 1kW)
- CE Certified: Certified with safe and robust design

AETP

1st basement level, Standard factory 3 Dong, Donghae free trade zone, 177, Gongdan 1-ro, Donghae-si, Gangwon-do, Korea <25798>

T : +82-(0)70-4773-2120~2124 / F : +82-(0)70-4773-2125 / Email : sale@aetp.co.kr

ATMOSPHERIC PLASMA SYSTEM

Install in box making machine

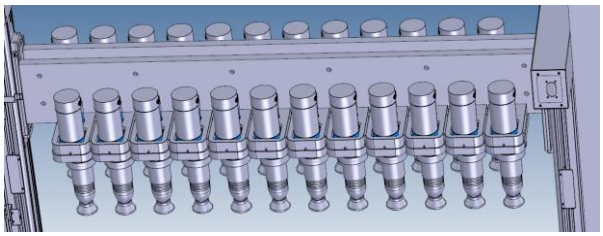
Sporting goods pad printing, bonding pretreatment

Automotive : Head lamp bonding, electronic sensor sealing, stabilizer surface treatment, door module foam sealing, etc.

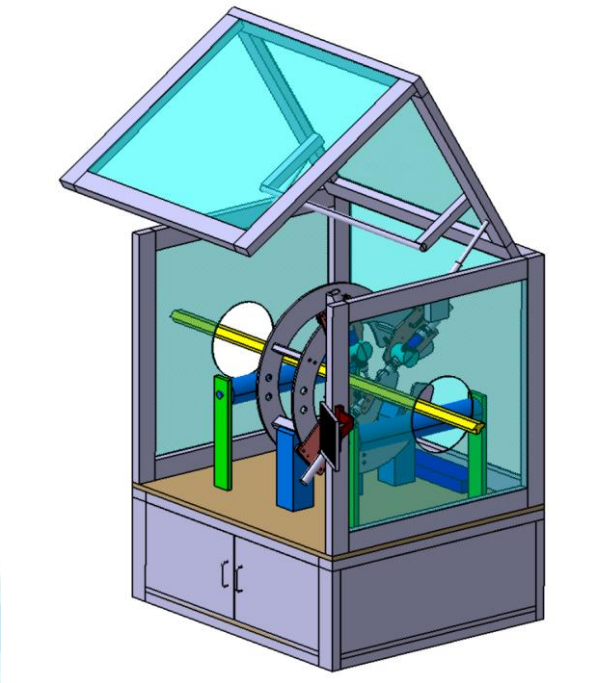
Ecofriendly painting pretreatment

Smart phone glass and PCB cleaning

CFRP surface treatment before bonding and painting



AP-4000 wide : 1200mm film treatment



AP-4000 profile : EPDM, PVC profil

WWW . AETP . CO . KR

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