



Model ID **PSX307** **Super cost saver**  
Model No. NM-EFP1A

<b>Model ID</b>	<b>PSX307</b>
Model No.	NM-EFP1A
Cleaning Method Dimension	Parallel plate RF back-sputtering method
Gas for Electrical Discharge Dimension *1	Ar [ option : O <sub>2</sub> ]
Substrate Dimension	L 50 mm × W 20 mm to L 250 mm × W 75 mm*2 (incl.S type option) L 50 mm × W 20 mm to L 330 mm × W 120 mm (incl.M type option)
Substrate Thickness	0.5 mm to 2.0 mm
Dimension / Mass *3	W 930 mm × D 1 100 mm × H 1 450 mm / 555 kg W 1 764 mm × D 1 100 mm × H 1 450 mm / 850 kg (incl.S type option) W 1 764 mm × D 1 100 mm × H 1 450 mm / 725 kg (incl.M type option)
Power Source *4	1-phase AC 200 V , 2.00 kVA [Full Load 5.00 kVA ]
Pneumatic source	0.49 MPa or more , 6. 5L / min (A.N.R.)

\*Please refer to the specifications on details.

\*1 : If the optional oxygen gas is selected as discharge gas , nitrogen gas is also required to dilute exhaust.

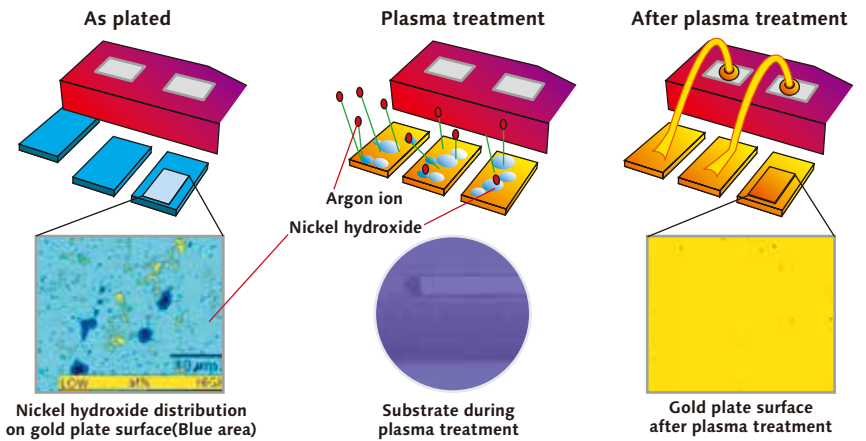
\*2 : For W 70.1 mm to W 75 mm , the electrode in the chamber is required separately.

\*3 : Tolerance of equipment dimensions is ±5 mm , Touch panel and condition lamp is not included. Mass varies depending on configuration.

\*4 : Compatible with 1-phase 208 / 220 / 230 / 240 V

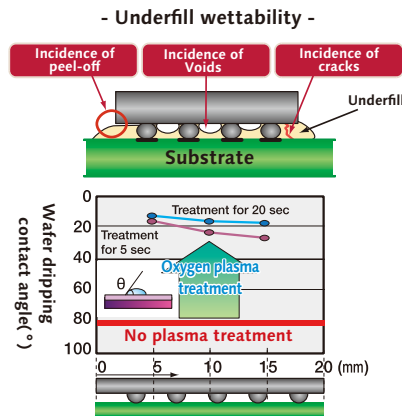
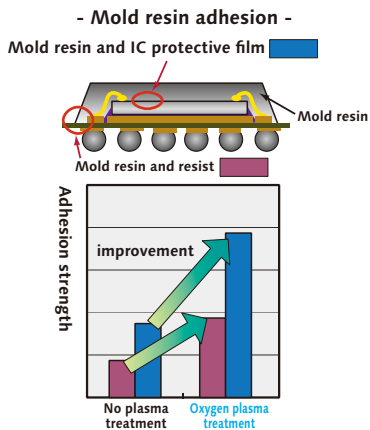
**The reason why an extra-thin gold plated electrode can be used**

When an extra-thin gold plated electrode is used, nickel compounds are formed on a surface after the heat treatment by the die-bonding cure. These nickel compounds impair the wire bonding performance, thus it is said that a thin gold plated electrode is unsuitable for wire bonding. However, the argon plasma treatment eliminates the nickel compounds, therefore stable wire bonding can be performed on an extra-thin and extra-cheap gold plated electrode.



**Surface reforming by oxygen plasma**

Surface reforming by oxygen radical improves mold resin adhesion and under-fill wettability. (option)



**Transfer system options**



**M type**  
M type transfer system ,  
loader , and unloader



**S type**  
S type transfer system ,  
loader , and unloader

**⚠ Safety Cautions**

- Please read the User's Manual carefully to familiarize yourself with safe and effective usage procedures.
- To ensure safety when using this equipment, all work should be performed according to that as stated in the supplied Operating Instructions. Read your operating instruction manual thoroughly.

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