



**A parallel plate plasma cleaner for PCBs with automatic transfer**

## **PSX307 Plasma Cleaner**

PSX307 is a parallel plate plasma cleaner for PCBs with automatic transfer. Loader/unloader and in-line specifications can be selected. One of the following 2 models can be selected depending on the PCB dimensions. S type PCB dimensions: L 50 mm × W 20 mm to L 250 mm × W 75 mm M type PCB dimensions: L 50 mm × W 20 mm to L 330 mm × W 120 mm

### **Key Features**

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Chamber configuration that achieves both in-plane uniformity and etching rate

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Our original lifting unit can handle PCBs that are thin and warped and PCBs with components on the backside

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Original plasma monitor function avoids abnormal discharge and enables damage-free processing

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Traceability is ensured due to online operation

## PSX307 Plasma Cleaner

<https://ap.connect.panasonic.com/th/en/psx307-plasma-cleaner>

<b>Model Number</b>	NM-EFP1A
<b>Cleaning Method</b>	Parallel plate RF back-sputtering method
<b>Gas for electrical discharge</b>	Ar (option : O <sub>2</sub> )* <sup>1</sup>
<b>Pneumatic Source</b>	0.49 MPa or more , 6.5 L / min (A.N.R.)
<b>Power Source</b>	1-phase AC 200 V , 2.00 kVA ( Full Load 5.00 kVA )* <sup>3</sup>
<b>Dimensions (mm) / Mass</b>	W 930 mm × D 1 100 mm × H 1 450 mm / 555 kg* <sup>2</sup> W 2 113 mm × D 1 100 mm × H 1 450 mm / 850 kg ( S type transfer system, including loader and unloader options. )* <sup>2</sup> W 2 266 mm × D 1 100 mm × H 1 450 mm / 725 kg ( M type transfer system, including loader and unloader options. )* <sup>2</sup>
<b>Footnote Description</b>	Please refer to the specifications on details. <ol style="list-style-type: none"><li>1. If the optional oxygen gas is selected as discharge gas ,nitrogen gas is also required to dilute exhaust.</li><li>2. Tolerance of equipment dimensions is ±5 mm ,touch panel and condition lamp is not included.</li></ol>

Mass varies depending on configuration.

- Compatible with 1-phase 208 / 220 / 230 / 240 V.