



A parallel plate plasma cleaner for PCBs with automatic transfer

PSX307A Plasma Cleaner

PSX307 is a parallel plate plasma cleaner for PCBs with automatic transfer. Loader/unloader and in-line specifications can be selected. It can handle wafers up to $\varnothing 300$ mm (with or without dicing ring), and process four 77.5 mm wide PCBs simultaneously.

Key Features

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

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

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

Traceability is ensured due to online operation

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<https://ap.connect.panasonic.com/sg/en/psx307a-plasma-cleaner>

Model Number	NM-EFP3A
Cleaning Method	Parallel plate RF back-sputtering method
Gas for electrical discharge	Ar (Option : O ₂ , O ₂ + He) ^{*1}
Power Source	1-phase AC 200 / 208 / 220 / 230 / 240 ±10 V , 50 / 60 Hz , 6.00 kVA
Dimensions (mm)	W 900 mm × D 1 150 mm × H 1 650 mm ^{*2}
Mass (Weight)	630 kg ^{*3}
Pneumatic Source	0.49 MPa , 50 L / min (A.N.R.)
Footnote Description	Please refer to the specifications on details. Pre-confirmation by customer's works is required. <ol style="list-style-type: none">1. If the optional oxygen gas is selected as electric discharge gas ,nitrogen gas is also required to dilute exhaust.2. Excluding touch panel, emergency stop switch and signal tower.3. In case of full option