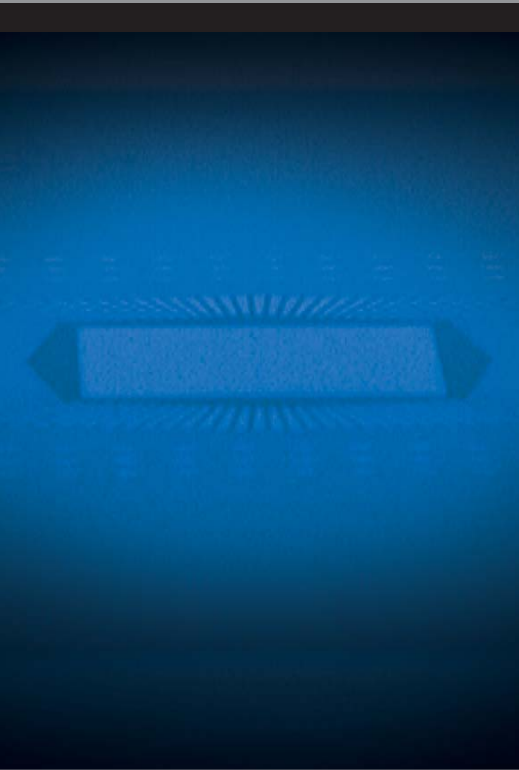


experts in productivity™

Panasonic Factory Solutions Company of America



Chip on Board
PSX303

Plasma Cleaner

- Productivity rates are one-and-a-half times faster than conventional models
- Main control boards are lead free

PSX303

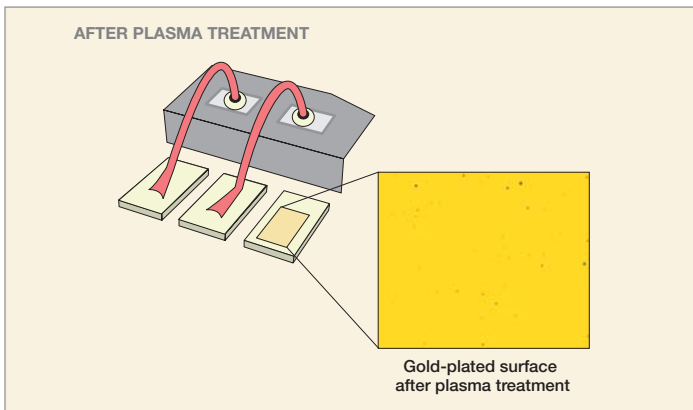
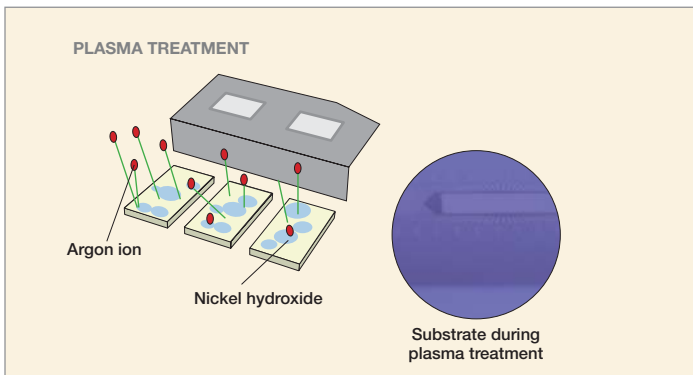
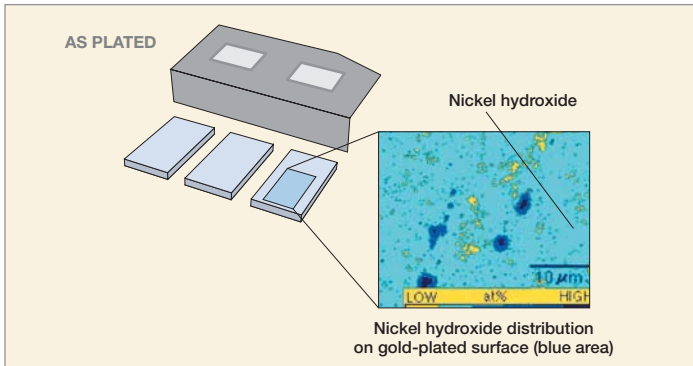
MODEL NUMBER	KXF-927D
PRODUCTIVITY	360 board per hour (when gold is etched 5 nm)
SUBSTRATE DIMENSIONS	Min L x W to Max L x W 50 mm x 20 mm 250 mm x 70 mm
SUBSTRATE THICKNESS	0.5 mm to 2.0 mm
CLEANING METHOD	RF parallel electrode type
GAS FOR ELECTRICAL DISCHARGE	Ar (option:O ₂)*1
ELECTRIC SOURCE	1-phase AC 200 V, 4.2 kVA
PNEUMATIC SOURCE	0.49 MPa, 6.5 L/min (A.N.R.)
DIMENSIONS	W D H 1,764 mm 1,045 mm 1,430 mm
MASS	800 kg

*1 If an optional oxygen gas is chosen as a discharging gas, an exhaust-diluting nitrogen gas is also required.

note: Please refer to the detail specifications.

Extra Thin Gold-plated Electrode

The typical die-bonding heat treatment cure causes nickel compounds to form on the surface when applied to extra thin gold-plated electrodes. These nickel compounds have a negative effect on wire-bonding performance—making them unsuitable for this use. The argon plasma process in Panasonic's PSX303 eliminates the formation of nickel compounds, making it highly effective for stable wire bonding on extra thin and inexpensive gold-plated electrodes.



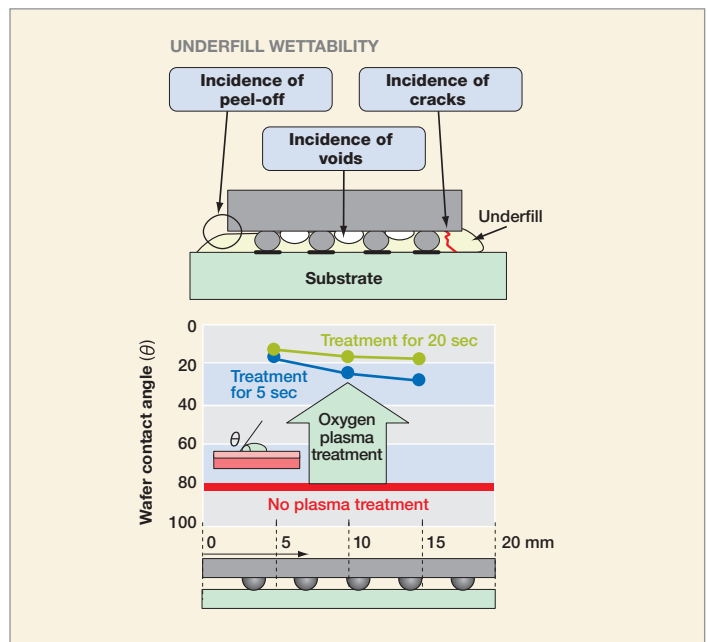
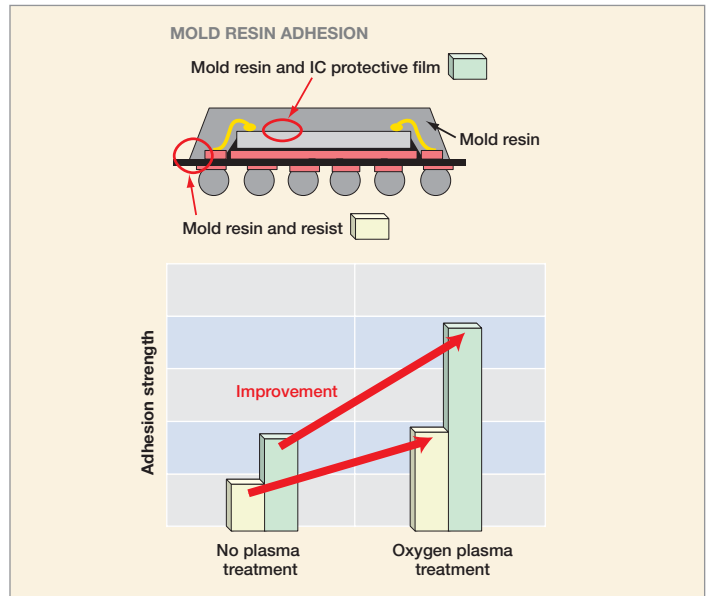
When using the following patents (process patents or product patents) with non-PFSA products, you are legally bound to sign a contract with Matsushita Electric Industrial Co., Ltd.

Japanese patents 2,783,133 2,783,260 3,000,877
 U.S. patents 5,647,942 5,767,008 6,331,347
 U.K. patents 2,297,981
 German patents 19,606,074

Surface Modification by Oxygen Plasma

Surface modification by oxygen greatly improves mold resin adhesion and under-fill wettability.*

* optional



Safety Caution: To ensure safety when using this equipment, all work should be performed in accordance with the supplied operating instructions. Thoroughly read your operating instructions manual.



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