YES-CV200RFL Plasma Strip/Descum System

Powerful Cleaning Removes Photoresist, Polyimide and BCB; With Gentle Descum Function

Specifications

Hardware	
Clean Room Compatibility	Class 10
Wafer Temperature Range	Ambient to 300 °C
Capacity	Single wafer/pieces for 50mm - 200mm
Process Gas Inputs	4 standard
Mass Flow Controllers	Optional, up to 4 for gas mixing
Interior Chamber Dimensions	25.4 cm (W) x 28.575 cm (D) x 4.978 cm (H) (10” x 11.25” x 1.96”)
Hot Plate Process Area	49 in^2 maximum (200mm wafer)
Overall System Dimensions	50.8 cm (W) x 144.78(D) x 190.5 cm (H) (20" x 57" x 75")
Chamber Material	6061-T6 aluminum
Compliance	SEMI S2, CE, S8
Software	
PC	Monitor with pull out keyboard and automation control
Number of Recipes	12 with load/save/loop/link capability
Data Collection	YES-DAQ standard, SECS/GEM required
Performance	
Power	200-250 VAC, 40 amps (estimated)
Descum Specifications	
• Handling Speed	30 sec/wafer
• Min. Process Time and Temp	10-30 seconds
• Minimum Etch Rate	200Å /min
• Uniformity (Gallium)	Within Wafer: +/- 4% Wafer to Wafer: +/- 5% Lot to Lot: +/- 5%
• Uniformity (Silicon)	Within Wafer: +/- 4% Wafer to Wafer: +/- 5% Lot to Lot: +/- 5%
Etch Specifications	
• Minimum Process Time	30 Seconds - 2 minutes, assuming 20000 Å photoresist
• Minimum Etch Rate	7000Å/min @ 200°C, higher at 300°C
• Uniformity	Within Wafer: +/- 10% Wafer to Wafer: +/- 10% Lot to Lot: +/- 10%
Additional	
Power Requirements	200-250V, 20 amps, 50/60 Hz, 1 phase
Power Supply	Automatic frequency tuning

Contact Us

When you’re ready to run process tests, a demonstration can be arranged using your chemicals and samples. Call +46 8 319000 or visit us at www.bita.se

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