

Specifications		PREALIGNER MODEL													
		Standalone						Embedded						Edge Handling	
		26-3	38-3	58-3	312-3	812-3	1218-3	25-1E	38-1E	58-1E	312-1E	812-1E	1218-1E	Type	
Wafer Diameter	2"	✓						✓							
	3"	✓	✓		✓			✓	✓		✓				
	100mm	✓	✓		✓			✓	✓		✓			4EH, 45EH	
	125mm	✓	✓	✓	✓			✓	✓	✓	✓			5EH, 45EH, 56EH	
	150mm	✓	✓	✓	✓				✓	✓	✓			6EH, 56EH	
	200mm		✓	✓	✓	✓			✓	✓	✓	✓		8EH, 8ET	
	300mm				✓	✓	✓				✓	✓	✓	12ET	
	450mm						✓						✓		
Square Substrates		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	
Angular Accuracy (3 Sigma)	10 000 CPR Encoder	0.04°					N/A	0.06°					N/A	0.04°	
	24 000 CPR Encoder	0.02°						0.04°					0.02°		
Centering Accuracy (3 Sigma)		25um						50um						25um	
Max Initial Offset		10mm	12mm					9mm	10mm						1.7mm to 2.0mm
Body Dimensions	W	173mm						95mm						173mm	
	L	267mm			317mm		404mm	266mm					328mm	267mm or 317mm	
	H	190mm						191mm						190mm to 206mm	
Weight		5.0kg to 5.7kg						3.4kg to 3.8kg						5.3kg to 6.0kg	
Servo Axes		Three						One						Three	
Handling		Vacuum Chuck and Pins						Vacuum Chuck						Edge Handling	
Facilities Required		100-240VAC, 50/60Hz; 48VA or 24 DC/2A, Vacuum 12" Hg for vacuum retention													
Host Interface		RS 232, Ethernet													
Flat/Notch Compatibility		Semi Standards Compliant													
Wafer Opacity		Transparent, Semi-Transparent													
Cleanliness		Class 1													
MTBF		More than 70000 hours													