

Single Chamber -Vertical Type-Dual chambers Spin Rinse Dryer Design Matrix						Maker :
						Date :
Customer	Systems on Silicon Manufacturing Company Pte Ltd	Expected Delivery Date/ Location			V : Select (Required) X : Not Required	
Item	Hardware Item	Standard Specifications	Setting Spec.	Qty	Customer Confirmation and Requirements	Remarks
1	Chamber Qty	N/A	SET	1		
2	Rotor Qty(Hub)	N/A	SET	1		
3	Wafer Size	8" Wafer	SET	N/A		
4	Cassette Vendor	Miraial/Entegris etc/ Other	SET			Customer offers the part numbers & cassette.
5	Cassette Part Number	Using the cassettes & wafers offered by customer to make the rotor and rotor calibration.	NA			Customer offers the part numbers & cassette.
6	Customer offers Cassette Samples	Qty	SET			Customer offers the Qty
7	Customer offers Wafer Samples	Qty	PCS			Customer offers the Qty
8	Motor PRM Range	400~2400	N/A	N/A		
9	Step setting Qty per recipe	10	N/A	N/A		
10	Recipe Setting qty	15	N/A	N/A		
11	PLC PLC Control	1 to 1	SET	1		
12	HMI	Black and White Version; 1 to 1	SET	1		
13	Maxi Rotor Vibration(um)	< 350 um	N/A	N/A		
14	Motor Speed Inaccuracy (±RPM)	±5%(Full Scale)	N/A	N/A		
15	Rotor Stopper (RSP)	Yes	SET	1		
16	Motor Speed Indicator	Yes	SET	1		
17	Anti-Static Unit	Yes	SET	1		
18	Chamber Material	SUS316-EP	SET	1		
19	Rotor Material	SUS316-EP	SET	1		
20	Brushless Motor	Yes / 750W	SET	1		
21	Frame	SUS304+PP	SET	1		
22	O-ring Material	Viton	SET	N/A		
23	Valve and Fitting Material	PP / PVDF / PTFE / PFA	SET	N/A		
24	DIW DIW Rinse Module	Independent Maifold Module	SET	1		
25	HN2 HN2 Dry Module	Independent Maifold Modul	SET	1		
26	Bowl heater	1 chamber =2PS x 300W	SET	1		
27	HN2 Heater	1 chamber =1SET x 700W	SET	1		
28	N2 Filter	A.0.003 um	SET	1		
29	N2 Pressure switch		SET	1		
30	Resisance meter	EC-410 (Digital)	SET	1		
31	Buzzer		SET	1		
Item	(Option) Hardware Item	Specification Description	Setting Spec.	Qty	Customer Confirm / Spec.	Remarks
1	CDA Pressure switch		SET	1		Digital Indicator/Switch
2	Leak Sensor	A: 1 Set B: 2 Sets	SET	N/A		
3	Tower Light		SET	1		
4	N2 Flow Meter	A: Float Type B: Digital indicator	SET	1		Digital Indicator/Switch
5	DIW Flow Meter	A: Float Type B: Digital indicator	SET	1		Digital Indicator/Switch
Item	Acceptance Item	wafer size			Equip.	
1	Maxi Rotor Vibration(um)	< 350 um under 25-wafer cassette.				
<b>Others</b>						
<b>signature and approval</b>		<b>Technical manager</b>	<b>Customer</b>	<b>Sales manager</b>	<b>Sales representative</b>	