Model No	
Serial No	

Configuration	
Process	TSV
Substrate	300mm
Voltate	208V, 3 Phase, 4 wire
Cntrlr	502
Remote PPS	Yesr for DOB supply only

Automation	
Type	White powder coated 2 FOUP/FOSB WIP
Robot	New Raider S
Controller	New Raider S
EndEffctr	New Raider S Dual Edge Grip
PreAligner	No
Carrier ID	F300 FOUP & SB300 FOSB

Cabinet	
Style	10 position Raider S
Material	PVC-C
Exhaust	Top
Facilities	Bottom
Fire Supp	720C242
UI	Strong Arm
ULPA fitrs	Boro-Silicon, Snap Trak ion Bar
Camera	8
Lighting	White

Process Module	
CPC1	Backside clean
Chamber	300mm Capsule 1
EdgeExclsn	2.2mm from bevel
	(2.45mm from wafer edge)
CPC2	Vacuum pre wet(DI only)
Chamber	300mm Vacuum pre wet
CPC3	Raptor-S TSV
Chamber	200mm Raptor-S
CPC4	Raptor-S TSV
Chamber	300mm Raptor-S
Contanct	Mercury
PPS	900C0352-01

Inert Anpde	Part of anode assy
Ring	213T1195-09
Anode Weir	111T2243-03-293
Chamber Weir	111T2256-01-292
Wafer extrct	Vortex MFC(Eng)
Note	Active Wafer Extraction
CPC6	DOB SLE
Chamber	300mm DOB
PPS	T16852-140
Inert Anode Se	110T0300-03
	110T0301-03
	110T0302-03
Ring	213T1085-503
Seal	213T0800-161
Wafer extract	Vortex MFC(Eng)
Notes	DOB power supply required 208VAC 3 phase, 30 amps per phase input
CPC9	200mm Bevel etch
CPC10	DI pre wet
Chamber	300mm SRD
CPC,5,7,8,	Blank

Delivery Systems	
Tank 1	DSPM(process)
Size	10L PFA
Style	sealed
Temp	25C
Control	1 loop cool
Filter	10 inch Mykrolis NPP
Lvl Snsr	3
Sample port	Yes
Pump	BPS-600plt
Supply	T2
Delivery	CPC 1
Chem	DSPM
Tank 2	DSPM(Mixing)
Size	10L PFA
Style	sealed
Temp	25C
Control	1 loop cool
Filter	10 inch Mykrolis NPP
Lvl Snsr	5
Pump	W/K X-50
Supply	Bulkfill
Delivery	Tank 1
Chem	DSPM

Tank 3	TSV Catholyte
Size	20L PFA
Style	sealed
Temp	25~30C
Control	2 loops cool 1 heat 1 cool
Filter	10 inch Mykrolis NPP
Lvl Snsr	5
Sample port	Yes
Pump	BPS-600plt
Main pump	X50
Supply	Bulkfill/Manual funnel fill port
Delivery	CPC 4
Chem	TSV Catholyte
Notes	Automated dosing of 3 organic plating components for TSV catholyte tank. Bottle sizes are 4L. Aldos pumps are required. Slipstream interface for STI ACMS
Tank 4	TSV Anolyte
Size	20L PFA
Style	sealed
Temp	25~30C
Control	2 loops cool 1 heat 1 cool
Filter	10 inch Mykrolis NPP
Lvl Snsr	5
Sample port	Yes
Pump	X-50 with pulse dampening
Supply	Bulkfill/Manual funnel fill port
Delivery	CPC 4
Chem	TSV Anolyte
Tank 5	SLE Catholyte Anolyte
Size	36L NPP
Style	Contoured
Temp	25C
Control	2 loops cool/ heat
Filter	10 inch Mykrolis NPP
Lvl Snsr	5
Sample port	Yes
Pump	X-50
Supply	Manual funnel fill port
Delivery	CPC 6
Chem	SLE Catholyte Anolyte
Notes	Slipstream interface for STI ACMS
Tank 6	SLE Anolyte
Size	20L PFA
Style	Sealed
Temp	25C
Control	2 loops cool/ heat

Filter	10 inch Mykrolis NPP
Lvl Snsr	5
Sample port	Yes
Pump	X-50 pulse dampening
Supply	Manual funnel fill port
Delivery	CPC 6
Chem	SLE Anolyte