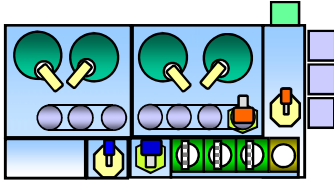
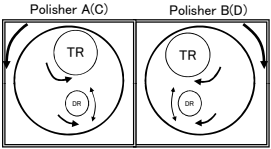
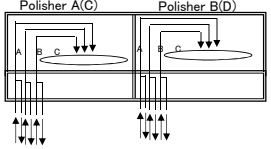
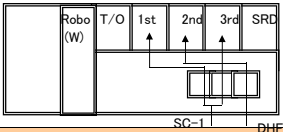


(*)Option (**)Special specification

				F-REX300S	Q'ty	Remark
A.Basic Specification						Check point
Layout						
Process	Application			ILD/STI/Tunsten		
	Polisher	Slurry	LineA	Silica		User Option
			LineB	Ceria		User Option
			LineC	Additive(Table B,D)		User Option
		Topring		Edge-i-Head (T3)		User Option
		Dresser		SEASOL (**)		User Option
		Pad		Customer spec(**)		
	Cleaner	1st Cleaner	Chemical	SC-1		
		2nd Cleaner	Chemical	DHF		
		3rd Cleaner	Chemical	SC-1		
Hardware	Polishing Unit	Topring	Retainer ring	SUS/PPS (made by KOREA)(**)	No	4 Zone Type [Edge-I HeAD] SMC Controller missing-4ea
			Dresser	Disk Type	4ea	Scan Disk Type
			Holder Type	SEASOL (Magnetic)(**)		
		Table	Material	Stainless Steel	4ea	
			Surface	Lapping		
			Motor Maker	Yaskawa Electric		
		Rotation				
		Slurry Line	# of line	3 (std 2,option 1)	16ea	Advance CLC Type
			Connection			Poli A - 3ea Poli B - 3ea Poli C - 3ea Poli D - 3ea
			Return Line	All lines(,)		
	Cleaning Unit	1st Cleaner	Method	Roll Scrub	2ea	Upper & Lower Roller
			Mega Sonic	Available(,)	1ea	
			Bevel Sponge	Available(,)	None	
			Others	SC-1 < 60degC (**)		
		2nd Cleaner	Method	Roll Scrub	2ea	Upper & Lower Roller
			Mega Sonic	N/A	None	
			Bevel Sponge	N/A	None	
			Others	Anti-static (**)		
		3rd Cleaner	Method	Roll Scrub	2ea	Upper & Lower Roller
			Mega Sonic	Available(,)	None	
			Bevel Sponge	N/A	None	
			Others	SC-1 < 60degC (**)		
		SRD	IPA dry	N/A		Spin Dry Type
			Others	Anti-static (**)		
		Chemical Line	Connection			
			Chemical flow meter	Type		Differncial pressure type
		Wafer Roller	Hardness	Duro90		
	EFEM Unit	Load port	#	3	3ea	
			Maker	Asyst Technologies		
		Robot	Maker	YASKAWA Electric	1ea	Dry Robot
			Position Control	Motor +Ball screw		
	Wafer	Wet	Transporter	Robot	1ea	Wet Robot

				F-REX300S	Remark	
					Q'ty	Check point
	Transfer	Turn Over	Buffer stage	N/A	1ea	
	Operation		Position	Front(+),Left,Stand alone(+)	2ea	Front & Moving Panel
			User Interface	15inch Touch Panel		
			Language	English		
			HMI PC Spec	Celeron 1.2GHz:	1ea	HMI PC-Hard & inside Board broken
			Recipe Backup	FDD/MO/USB Port		
	Option	End Point Monitor	TCM	All Tables(+)	None	
			R-ECM	N/A(+)	None	
			S-OPM	Table B,D(+)	4ea	
			Controller	ME-20(+)	None	
			Data Back Up	USB Port(+)	None	
		ITM	Type	NAN09010b1S(+)	None	
		APC/CLC	BC&FS	Available(+)	1ea	PC for APC broken
		Atomizer		Current Type(+)	4ea	
		Slip-OutSensor	Type	CCD Camera type(+)	4ea	
	Utility	D.I.W connection	# of ports	1ea		
		Exhaust Connection	direction	Downward		
B.Special Specification						
<<Polisher>>						
<Topring>						
1	Topring Airbag Regulator SMC (from CK)			SMC(+)		
<Dresser>						
2	Rinse function for Lower cover of the			Available(+)		
<Slurry Supply>						
3	Rinse function for Slurry supply nozz			Available(+)		
4	Slurry Filter on each line			Available(+)		
5	NT6500 for Slurry flow rate CLC contr			Available(+)		
6	Back purge function for NT6500			Available(+)		
<Pusher>						
7	2	Wafer Release Assist Nozzle or Assist		DIW rinse (+)		
8	Rinse function btw Retainerring and M			Available(+)		
9	Rinse function for Topring Cover			Available(+)		
<Etc>						
10	N2 Gun			Available(+)		
11	DIW Gun / spiral tubing			Available(+)		
12	Fluorescent lamp (made by KOREA) in p			2ea /each polisher(+)		
<<Cleaner>>						
1	Timing Belt Breakage Sensor			Available(+)		
<<System Control>>						
1	UPS			Supplied by Customer(+)		
2	Smoke detection sensor in Power distribut			Available(+)		
<<Other Special>>						
<Polisher/Cleaner>						
1	Leakage detection sensor for the drainpar			Line type(+)		
<EFEM Unit>						
2	FFU Status lamp			Available(+)		
3	Air In-Take			Available(+)		
<Loadport>						
4	2 Manual buttons			2buttons(+)		
5	Slot Out Sensor function			Available(+)		
6	PI/O (E84) to OHT/AGV			Available(+)		
7	Indicator Order & Color			Hynix's spec(+)		
<Exterior>						
8	Signal Tower(≠LCE-402/FB(RYGB)			User spec(+)		
9	EMO Button size			User spec(+)		
10	Light Curtain			Available(+)		
<Utility Connection>						
<Others>						
13	Warnig Label			Korean&English(+)		