

2-2. Specification list

Model Name	Post Gate Cleaner	Utility Direction		Utility Pressure		Power Supply	Wafer Size		CSB1	NH4OH	TANK3
Manufacturing #	630600108A	Exhaust	Bottom	DIW	0.25~0.3MPa	60 Hz	300mm +/- 0.2mm		CSB2	H2O2	TANK1
Quantity		Supply	Bottom	Cooling Water	0.25~0.3MPa	3 Phase	775 +/- 25um		CSB3	H2O2	TANK3
Delivery Date		Drain	Bottom	Chemical	0.1~0.2MPa	208 V	FOUP		CSB4	HF	FRD1
				Exhaust	350~400Pa		25Wafers		CSB5	HF	FRD2
Pos.		10	9	8	7	6	5	4	3	2	1
TANK #		1	2	3	4	5	6				
MODULE		SPM	HODR	SC-1	HODR	LAL15	OFR	FRD1	FRD2	CWS	CHCLUCTC
Lifter Area		↕	↕	↕	↕	←	→	↕	↕	↕	
Shutter Location		Quartz	Quartz	Quartz	Quartz	Coat					
Chemicals	#1	H2SO4	DIW	(1) NH4OH	DIW	LAL15	DIW	DIW	DIW		DIW
	#2	(2) H2O2	HOT-DIW	(3) H2O2	HOT-DIW			(4) HF	(5) HF		
	#3			DIW				IPA(Vp)	IPA(Vp)		
	#4			HOT-DIW(80°C)							
	#5										
	#6										
	#7										
Mixing Ratio	#1	3:1 - 50:1		4:4-6		1:0		1:200		1:200	
	#2			1:4:20				1:1000		1:1000	
	#3			1:5:50							
	#4										
Setting Ratio-Temp.	#1										
	#2										
	#3										
Replenishment	#1	Level		Spiking		Level					
	#2	Spiking		Spiking							
	#3			Spiking							
Process Temp.		130	RT(80)	20-85	RT(80)	25	RT	RT	RT	RT	RT
(Celsius degree)	Accuracy (While Tank Is Idle)	±1		±0.5		±0.1					
Process Bath	Shape(Type)	Overflow Double	Overflow	Overflow Double	Overflow	Overflow Double	Overflow	Overflow	Overflow	Overflow	Overflow
	Material	Quartz	Quartz	Quartz	Quartz	PTFE	Quartz	PVC	PVC	C-PVC	
Bath Function	Over Flow Rinse		*(H/C DIW)		*(H/C DIW)		*	*	*	*	*
	Shower(Spray)		*(H/C DIW)		*(H/C DIW)		*	*	*	*	*
	Resistivity Meter		*		*		*	*	*	*	*
	Megasonic			*(KOKUSAI)			*(KOKUSAI)				
	Bath Cleaning	*		*		*					
	Agitation		*		*						
	N2 Purge						*	*	*	*	N2 Knife
Drain Function	Gravity										*
	Pump	*		*		*					
	Quick Dump		*		*		*	*	*	*	
	Cooling Tank-Gravity	*									
	Aspirator	*(Inner Bath)		*(Inner Bath)							
Temperature Control	Heater	*		*							
	Thermoelectric cooler					*					
Recirculation Function	Pump	IWAKI FF-40HT1-06		IWAKI FW-40T2-29		IWAKI FW-40T2-29					
	Filter	QCDVATX0F		QCDZATX0F		LDPGNIUCFD L12E51-K3					
	Filter housing	(Dispo)		(Dispo)		(Dispo)					
	Concentration Meter	*(Control)		*(Control)		*		*(RS Meter)	*(RS Meter)		
Drain Line	DIW Reclaim		*		*		*				
	MD Drain							*	*		
	Alkali Drain			*							
	Acid Drain	*	*		*					*	*
	HF Drain					*	*	*	*		
	BOE Drain					*					
	SPM Reclaim	*									
	APM Drain			*							
	Solvent Drain						*	*			
	IPA							(*)	(*)		
Exhaust Line	Acid Exhaust	*	*		*	*	*	*	*		*
	Alkali Exhaust			*	*						
	Solvent Exhaust						*	*			
Remark		Pre-heat Unit for H2SO4	HOT-DIW Unit		HOT-DIW Unit (Share with T3)						