

VERTICAL FURNACE INSPECTION REPORT

MAKER	Tokyo Electron Limited	MODEL	Alpha-8C
VINTAGE	1994. 10	SERIAL NO	3000094X5087
PROCESS	TEOS	INSPECTION DATE	

Unit	No	Contents	Configuration	Remark
General Information	1	System Layout	Main , Utility	
	2	System Type	LR Type	
	3	Side Maintenance	Installed	
	4	System Paint Color	Ivory	
	5	Furnace Front Surface Finish	Painted	
	6	Heater Model	VMM-35-001	
	7	Rapid Cooling Unit	Not Installed	
	8	N2 Load Lock	Not Installed	
	9	O2 Analyzer	Not Installed	
	10	Cassette I/O Type (Normal / SMIF)	Normal I/O Type	
	11	SMIF Maker / Model	Not Installed	
	12	AGV Compatibility	Unable	
	13	System Main Controller	TS4000Z	
	14	Mechanical Controller	TS4000Z	
	15	Syquenc Controller	N/A	
	16	Gas Controller	TS4000Z	
	17	Gas Flow Chart Pannel	Installed (Front , Rear)	
	18	Operation Pannel	Installed (Front , Rear)	
	19	Signal Tower / Colors	Installed (Front , Rear)	
	20	Furnace Temperature Controller	Model 120	
	21	Furnace Overtemp Detector	Meter Relay	
	22	Gas Detector Maker / Model	Not Installed	
	23	Detecting Gas	N/A	
	24	Host Communications	Yes	
	25	User Host Computer I/F	SECS	
	26	Manual (Drawing, Parts list etc)	Not Include	
Gas System	1	Process Gas	N2 , O2 , TEOS	
	2	Basic Style	Integrated Gas System (Fujikin)	
	3	Manual Valve	FUJIKIN	
	4	Air-Operated Valve	FUJIKIN	
	5	Filter	MILLIPORE (WGMS02PRU)	
	6	Regulator	VERIFLO	
	7	MFC Maker / Model	STEC / 74 Series	
	8	PT Sensor Maker / Model	NAGANO KEIKE / ZT SERIESE	
	9	DPM Maker / Model	NAGANO KEIKE / GC84	

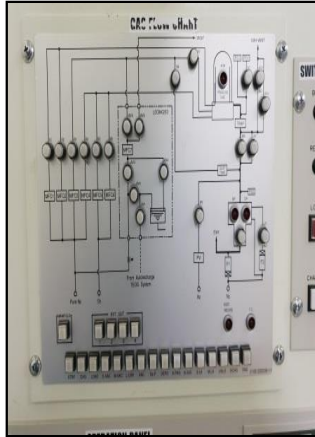
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Gas System	10	Check Valve	FUJIKIN	
	11	Baking System	S-TEC INC. (LSC-8402S3)	
	12	Liquid Source Auto-Refill	Not Installed	
	13	Burn Controller	N/A	
	14	Vaporizer	N/A	
Vacuum / Exhaust System	1	Pump	N/A	
	2	Pressure Control Valve	Piezo Valve	
	3	Pressure Controller	PCU-1000 / PH265-02	
	4	Pressure Sensor	ULVAC (GP-2A) / MKS628 (10Torr)	
	5	Trap	Not Installed	
	6	Gas Cooler	N/A	
Wafer / Cassette Handling	1	Wafer Type	200 mm Flatzone Type	
	2	Auto Wafer Aligner	Installed	
	3	Wafer Qty. in Cassette	26	
	4	Cassette Storage Qty.	16	
	5	Fork Type	1 + 4	
	6	Fork-Wafer Presence Sensor	Not Installed	
	7	Fork-Variable Pitch	Installed	
	8	Magnetic Seal Rotation	Installed	
Process Kits	1	Boat Type / Pitch	N/A	
	2	Boat Material	N/A	
	3	Cap Pedestal Material	N/A	
	4	Outer Tube	N/A	
	5	Inner Tube	N/A	
	6	SIC Liner Tube	N/A	
	7	Process Tube	N/A	
	8	External Torch	N/A	
	9	Profile T/C Type	N/A	
	10	ETC		

Pictures

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MAIN BODY



Pictures

UTILITY BOX

