

TECHNICAL SPEC FOR Vertical furnace

System Model:	WAVES	153.11 TEL Alpha 8 series
Specific model:	Model ALPHA-8SE	Vintage 2000.08
Process (Poly, TEOS, Nitride, Pyro, etc.):	TEOS	
APCVD or LPCVD:	LPCVD	
HDD and SW included or not:	SW installed, tool version with HDD	
Main controller type:	WAVES	
SiC/quartz included or not:	Separated	
Substrate size:	Configured for 6 inch, 8 inch compatible	
SMIF:	No	
Gas config:	For TEOS process, WAVES	
Leak detection:	Yes	
Wafer notch aligner:	6" Jeida flat	
Handler type:	TBAWL	
Indexer:	With wafer counter for 6"	
Carrier type, FOUP:	6" black carriers, No FOUP	
Buffer Capacity:	2X 6 prod carriers, and 9 carriers for mon, extraDummies, dummies	
Boat type:	170 slots, 150 prod wafers	
Boat rotation:	Yes	
Heater type:	5ZONE	
Carrier ID reader:	No	

MFC:	4X N2 and 1X TEOS, 1X O2
Pressure transducer:	1X 1Torr, 1X 10Torr, 1X 1000Torr
CKD-VEC Vacuum pressure controller:	FCV controller
CDA:	Yes
Temperature controller:	M-560A
Exhaust controller:	Yes
Power Box:	No
Missing parts:	No
Defected parts:	No
Operating system:	WAVES
Serial plate	

TEOS5

TYPE	ALPHA-8SE			
SERIAL NO.	M00000085421			
POWER AC	400	V	50/60HZ	40 KVA
MAXIMUM FULL-LOAD CURRENT				70 A
PHASE	3	TYPE OF DISTRIBUTION		3 WIRE
OVERCURRENT OR SHORTCIRCUIT AMP				80 A
A/C				20 KA
OVERCURRENT PROTECTION PROVIDED AT MACHINE SUPPLY TERMINALS				
ELECTRICAL DIAGRAM NO.	2192-400635			
DATE OF MANUFACTURE	2000.8			

MANUFACTURED BY TOKYO ELECTRON OHOKU LTD.
52 MATSUNAGANE, IWAYADO,
ESASHI-SI, IWATE 023-11 JAPAN

TOKYO ELECTRON LIMITED

MADE IN JAPAN

POWER AC	230	V	50/60Hz	5.5	KVA
MAXIMUM FULL-LOAD CURRENT	24	A			
PHASE	2	TYPE OF DISTRIBUTION	WIRE		
OVERCURRENT OR SHORTCIRCUIT AMP	30	A			
A/C	25	KA			