

TECHNICAL SPEC FOR Vertical furnace

System Model:	3200	TEL Alpha 8 series
Specific model:	Model VCF 615	Vintage 1992.07
Process (Poly, TEOS, Nitride, Pyro, etc.):	NITRIDE process	
APCVD or LPCVD:	LPCVD	
HDD and SW included or not:	SW installed, tool version without HDD	
Main controller type:	3200	
SiC/quartz included or not:	Separated	
Substrate size:	6 inch	
SMIF:	No	
Gas config:	For nitride process, 3200	
Leak detection:	No	
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:	6 prod carriers, and 2 carriers for mon, extraDummies, dummies	
Boat type:	170 slots, 150 prod wafers	
Boat rotation:	Yes	
Heater type:	5Zone	
Carrier ID reader:	No	

MFC:	3X N2 and 1X NH3, 1X SiH2Cl2
Pressure transducer:	1X 1Torr, 1X 1000Torr
CKD-VEC Vacuum pressure controller:	FCV controller, STEC PCV-1000
CDA:	Yes
Temperature controller:	M-120
Exhaust controller:	Yes
Power Box:	No
Missing parts:	No
Defected parts:	No
Operating system:	M3200-2.0
Serial plate	

NITRIDE1

TYPE	
SERIAL NO.	VF275042
POWER AC	380 V 22 KVA
MAXIMUM RATED CURRENT	A
PHASE	3
TYPE OF DISTRIBUTION	4 WIRE
POWER AC	220 V 4 KVA
MAXIMUM RATED CURRENT	A
PHASE	1
TYPE OF DISTRIBUTION	3 WIRE
FREQUENCY	50/60 Hz
HEATER	
DATE OF MANUFACTURE	1992.7
TOKYO ELECTRON LIMITED	