

TECHNICAL SPEC FOR Vertical furnace

System Model:	TS4000TEL Alpha 8 series
Specific model:	Model ALPHA 658SC Vintage 1995.10
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:	TS4000
SiC/quartz included or not:	Separated
Substrate size:	Configured for 6 inch, 8 inch compatible
SMIF:	No
Gas config:	For nitride process, TS4000
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:	2X6 prod carriers, and 4 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 10Torr, 1X 1000Torr

CKD-VEC Vacuum pressure controller: FCV controller

CDA: Yes

Temperature controller: M-121

Exhaust controller: Yes

Power Box: Yes

Missing parts: No

Defected parts: No

Operating system: TS4000

Serial plate

