

TECHNICAL SPEC FOR Vertical furnace

System Model:	TEL Alpha 8 series	
Specific model:	Alpha-8S-D	Vintage 1996.08
Process (Poly, TEOS, Nitride, Pyro, etc.):	Mid temp OX-DIFF	
APCVD or LPCVD:	APCVD	
HDD and SW included or not:	Software included, version without HDD	
Main controller type:	TS4000	
SiC/quartz included or not:	Separated	
Substrate size:	6 inch	
SMIF:	No	
Gas config:	TS4000	
Leak detection:	Yes	
Wafer notch aligner:	Flat aligner 6” Jeida	
Handler type:	TBAWL	
Indexer:	Wafercounter included	
Carrier type, FOUP:	No FOUP	
Buffer Capacity:	2X6 prod carriers, and 4 carriers for mon, extraDummies, dummies	
Boat type:	170 slots, 150 prod wafers	
Boat rotation:	No	
Heater type:	5Zone	
Carrier ID reader:	No	

MFC: 3X N2, 2X O2, 1X H2, 1X N2O

Pressure transducer: N/A

CKD-VEC Vacuum pressure controller: N/A

CDA: Yes

Temperature controller: M-121

Exhaust controller: Yes

Power Box: Yes

Missing parts: No

Defected parts: No

Operating system: TS4000

Serial plate A9680312

