

TECHNICAL SPEC FOR Vertical furnace

System Model:	TEL Alpha 8 series
Specific model:	TEL ALPHA-8SE-D
Process (Poly, TEOS, Nitride, Pyro, etc.):	POCL DOPE
APCVD or LPCVD:	APCVD
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 POCL dope process
Leak detection:	No
Wafer notch aligner:	6" Jeida flat
Handler type:	TBAWL
Indexer:	With wafer counter for 6"
Carrier type, FOUP:	No FOUP
Buffer Capacity:	2X6 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: 2X N2 and MDOT, 1X O2

Pressure transducer: N/A

Soft Backfill injector: N/A

CKD-VEC Vacuum pressure controller: N/A

CDA: Yes

Temperature controller: 560A

Exhaust controller: Yes

Power Box: No

Missing parts: No

Defected parts: No

Operating system: WAVES

Serial plate M7X5149

DOPE3

TYPE	ALPHA-AS-0		
SERIAL NO.	M000007-149		
PHASE	3	TYPE OF DISTRIBUTION	WIRE
POWER	400 Vac	50/60Hz	40.6 kVA
FULL-LOAD CURRENT			A
AMPERE RATING OF THE LARGEST LOAD			A
MACHINE MAIN BREAKER AMPERE			A
SHORT-CIRCUIT INTERRUPTING CAPACITY			kA
OVERCURRENT PROTECTION PROVIDED AT MACHINE SUPPLY TERMINALS			
ELECTRICAL DIAGRAM NO.	2192-154872		
DATE OF MANUFACTURE	2007.12		
MANUFACTURED BY TOKYO ELECTRON TOHOKU LIMITED. 52 MATSUNAGANE, IWAYADO, ESASHI-KU, OSHU CITY, IWATE 023-1101, JAPAN			
TOKYO ELECTRON LIMITED MADE IN JAPAN			