

TECHNICAL SPEC FOR Vertical furnace

System Model:	TEL 3100	
Specific model:	VDF-615	Vintage 1992.07
Process (Poly, TEOS, Nitride, Pyro, etc.):	POCL DOPE	
APCVD or LPCVD:	APCVD	
HDD and SW included or not:	SW installed, tool version without HDD	
Main controller type:	M3100	
SiC/quartz included or not:	Separated	
Substrate size:	6 inch	
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:	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: 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: M-120

Exhaust controller: Yes

Power Box: No

Missing parts: No

Defected parts: No

Operating system: TEL 3100

Serial plate

DOPE2

TYPE

SERIAL NO.

VF275044

POWER AC

380

V

32

KVA

MAXIMUM RATED CURRENT

A

PHASE

3

TYPE OF DISTRIBUTION

4

WIRE

POWER AC

220

V

KVA

A

MAXIMUM RATED CURRENT

WIRE

PHASE

1

TYPE OF DISTRIBUTION

3

50/60 Hz

KVA

FREQUENCY

HEATER

DATE OF MANUFACTURE

1982.7

TOKYO ELECTRON LIMITED