

Process:	SIN-Undop
Equipment ID	DF-NUD-52
Model	HiKE DD-1206V-DF
Item	Detail
General Configuration	
Process	SIN-Undop
Tool Mode	DD-1206V-DF
OEM Serial #	T2DC6-13304
Process Pressure	LP type
Process Temperature	850C
Boat Operation	1 Boats Type
Carrier I/D Reader/Writer	Read (at Load Port) Write (at Load Port) (OP)
Maker /Model	ASYST
Furnace Unit	
Cartridge Heater	D4EX30455 (RHC2 heater With sub-heater)
T/C for Heater Control	D4EX15442
T/C for Sub heater control	D4EX30655
T/C for Over temperature Protection	D4EX15442
5-P T/C for Cascade Control	D4EX23717 (L Type)
Thyristor Unit for Control	SKKT160L6Z1F-HKD (Air cooling type,6 zone)
Temperature Controller	CQ1700
Wafer / Carrier Handling	
Wafer Type	300 SEMI STD-Notch
Wafer Notch Aligner	Not Installed (STD)
Carrier Type	FOUP / 25slots (STD)
Carrier Storage Qty.	16
Fork Type/Material	1+4 / Ceramic
Boat / Pedestal / Process Tube	
Qty. of Production Wafers	125
Boat Material	SiC
Boat Type	143 slots Ladder
Boat Rotation	Yes
Pedestal Type	Quartz FIN
Liner Tube	SiC
Process Tube	Quartz Single
Internal T/C Type	Process Tube interior wall type
Gas System	
MFCs	N2 = 50slm x 1
	N2 = 2slm x 1
	N2 = 5slm x 2
	DCS = 500 sccm*1
	NH3 = 2 slm*1 , 500 sccm*1

	N2O = 1 slm*1
	20%F = 20slm
	HF = 5 slm
Gas Unit	IGS (FUJIKIN)
MFC / Pressure Controller	CX3202
Exhaust System	
Diaphragm Sensor(1000 torr)	621C13TBFHD (MKS)
Diaphragm Sensor(1 torr)	621C01TBFHD (MKS)
Diaphragm Sensor(1 torr)	621C01TBFHD (MKS)
Pirani Sensor	PSG051(INFICON) / VGC-012(INFICON)
APC valve	VEC-SHA8-X0307 (CKD)
APC controller	VEC-CA8-X0301 (CKD)
Safety	
Gas Detector (F2 Detector)	GD-K77D (F2/3PPM) (RIKEN)
Gas Detector (HCL Detector)	GD-K77D (HCL/15PPM) (RIKEN)
Gas Detector (HF Detector)	GD-K77D (HF/9PPM) (RIKEN)
Gas Detector (NO2 Detector)	GD-K77D (NO2/15PPM) (RIKEN)
Smoke Detector (Sensor)	OIB
Smoke Detector (Detector)	CPC-2
Water Leak Detector (Sensor)	F03-16PE
Water Leak Detector (Detector)	K7L-AT50
Light Curtain System	SL-C52H
N2 Purge Load Lock System	
FOUP Opener N2 Purge SYSTEM	STD
O2 Monitor / Detector	TF-21D201 (KX-105063)
Loading Area MFC	HM5143A20AR

