

Transaction Information

Tool ID	HDPO-A01
Tool Status	Running Wafers
Location	Woodlands, Singapore
Wafer Size	200 mm
Fab Section	Thin Film
Tool Available Date	2024-12-31

General Product Information

Vendor Supplier	Lam Research
Model	Novellus Speed
Vintage	2000
Serial No	97-46-5419
Asset Description	Novellus Speed
Software Version	4.92B15
CIM	SECS
Process	USG

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Novellus Speed		OK
Factory Interface	NONE		
Options System			
Others			
Handler System	Mag 7	1	OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
		OK

Missing/Faulty Parts / Accesories List

Description	Quantity
Ebara SDOU	1
SMIF LPI	2
Ebara150WT	3
Ebara AA40W-H	2

Tool Pictures

General

General



General

General



General

General



Hardware Fab

HW Configuration

Equipment ID	HDPO-A01
C2 Software Version	2.37B24
QNX OS Version	3.2
Process	High Plasma Oxide Density
S/N	97-46-5419
Facility	
Transfer Module Pump	AA40W-H
Transfer module turbo pump	PFEIFFER TMH 260
Loadlock Pump	AA40W-H
Process pump	A150W-T
Incoming power	208 Vac,3 phase,50/60 Hz
Abatement system	Ecosys Guardian 4,RH,H2
SMIF	Missing
Cool Station	Single Cool
TM robot	MAG 7
Input & Output controller	IOC 0,1,3
Chamber pressure gauge	10Torr manometer,convectron gauge
Loadlock Slit valve actuator	VAT
Loadlock Indexer controller	Animatics CECDP2407-1
Process Chamber	
High Freq RF gen Model	AE - RFG5500
Low Freq gen Model	CLF5000
Auto RF match	Trazar-Amu10E-2
Pressure Gauge	100 mTorr gauge 10T manometer,convectron gauge
Pressure Gauge manufacturer (for 10T & 1000T manometer)	Tylan General
Gate Valve	VAT
Throttle Valve	Millipore
NTM Temperature controller model	Electric Optical Sys479-535-1512
Fixed match model	Regen SolutionSRN1-2S/R:27-132651-00
Chamber Slit valve actuator (SMC or VAT)	SMC
Chamber Slit valve actuator(Nvls Part Number)	02-121427-00
Turbo Pump model	PFEIFFER TMH 1600 P C
Turbo pump controller model	TCP 600
Turbo pump controller model TM	TCP 380
All MFC size	MFC1: Argon 500 sccm MFC2:O2 : 500 sccm MFC3:NF3 1 SLPM MFC4:SIH4 200 sccm MFC5:HE 500 sccm MFC8:H2 : 2 SLPM

Manufacture Serial

Serial number



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Missing Parts

Missing_Parts



Missing Parts

Missing_Parts





Additional Tool Data Files