

General Information

Manufacturer	Lam Research
Model	2300 Exelan
Serial	1001862-04-07-00014
Vintage	2004
CASS NEST	PLASTIC 8"
Wafer Shape	SNNF (Semi Notch No Flat)
SMIF Interface	NO
Wafer size	200mm

System Information

process chamber qty	4
software version	1.7.1 SP_ 4HF2
SECS/ GEM	yes
Platfrom type	Version 2

2300

Position 1	2300 Exelan
Position 2	2300 Exelan
Position 3	2300 Exelan
Position 4	2300 Exelan

2300 Exelan Options

Chamber Type	2300 Exelan CFE
Upper Electrode	Heated
ESC Cooling	Dual Zone
200MM Turbo Pump	1600 L/s Edwards
Endpoint Detection	Optical Emission Spectroscopy
Chamber Isolation Valve	Rocker Gate Valve

2300 Gas Box

Gas System Type	Enhanced Gas Box II
Std Stacking Kits	4 PM Stacking Kit
Gas Line	12 Gas Configuration
Gas Box Inlet Option	Regulated Inlet Gas Panel
Gas Filters	Standard Filter

2300 Platform

Front End Load Port Cassette	3 Open Cassette
Backing Pumps for TM	iPX
User Interface Options	Side and Front Monitor UI
System UPS Circuitry	System UPS Circuitry required
Earth Leakage Breaker	ELB
Signal Tower	R-O-G-B Signal Tower

2300 Peripherals

DFC Backing Pumps	Cust. Supply
DFC TCU Config	Lam Supply: 4080 Plus / Qty 4

GAS BOX CONFIGURATION

PM1	MFC Type; Unit 1661 Metal, Digital
Line 1	Ar 1000 sccm
Line 2	O2 50 sccm
Line 3	N2 200 sccm
Line 4	O2 2000 sccm
Line 5	CHF3 100 sccm
Line 6	C4F8 20 sccm
Line 7	CH2F2 50 sccm
Line 8	C4F8 50 sccm
Line 9	CF4 100 sccm
Line 10	NSR70%He/30%O2100 sccm
Line 11	C4F6 20 sccm
Line 12	NSR Xe 300 sccm
Line 13	HeO2 20sccm(Tuning Gas)

PM2

	MFC Type; Unit 1661 Metal, Digital
Line 1	Ar 1000 sccm
Line 2	O2 50 sccm
Line 3	N2 200 sccm
Line 4	O2 2000 sccm
Line 5	CHF3 100 sccm
Line 6	C4F8 20 sccm
Line 7	CH2F2 50 sccm
Line 8	C4F8 50 sccm
Line 9	CF4 100 sccm
Line 10	NSR70%He/30%O2100 sccm
Line 11	C4F6 20 sccm

Line 12	NSR Xe	300 sccm
Line 13	HeO2	20sccm(Tuning Gas)
PM3	MFC Type; Unit 1661 Metal, Digital	
Line 1	Ar	1000 sccm
Line 2	O2	50 sccm
Line 3	N2	200 sccm
Line 4	O2	2000 sccm
Line 5	CHF3	100 sccm
Line 6	C4F8	20 sccm
Line 7	CH2F2	50 sccm
Line 8	C4F8	50 sccm
Line 9	CF4	100 sccm
Line 10	NSR70%He/30%O2	100 sccm
Line 11	C4F6	20 sccm
Line 12	NSR Xe	300 sccm
Line 13	HeO2	20sccm(Tuning Gas)
PM4	MFC Type; Unit 1661 Metal, Digital	
Line 1	Ar	1000 sccm
Line 2	O2	50 sccm
Line 3	N2	200 sccm
Line 4	O2	2000 sccm
Line 5	CHF3	100 sccm
Line 6	C4F8	20 sccm
Line 7	CH2F2	50 sccm
Line 8	C4F8	50 sccm
Line 9	CF4	100 sccm
Line 10	NSR70%He/30%O2	100 sccm
Line 11	C4F6	20 sccm
Line 12	NSR Xe	300 sccm
Line 13	HeO2	20sccm(Tuning Gas)
Power distribution module		
RPDB	Qty	1
Dry pumps		
TM	EDWARDS iPX	100A
PM1	EBARA AA	100W
PM2	EBARA AA	100W
PM3	EBARA AA	100W
PM4	EBARA AA	100W
Gas scrubber		
Model	EBARA GTE-3-0WVT	
Qty	1	
End		

