

General Information

Manufacturer	Lam Research
Model	2300 Versys Silicon
Serial	72230 (PM1: 23PL0349, PM2: 23PL0350, PM3: 23PL0351, PM4: 23PL352)
Vintage	2003
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	Version 1.7.1-SP4-HF2-Release
SECS/ GEM	yes

2300

Position 1	2300 Versys Silicon
Position 2	2300 Versys Silicon
Position 3	2300 Versys Silicon
Position 4	2300 Versys Silicon

2300 Versys Silicon Options

Chamber Type	2300 Versys Silicon
Wafer Clamping Mechanism	Monopolar ESC, Ceramic
O-rings	Chemraz
TCP Source	3155059-026
200MM Turbo Pump	EDWARDS STP-A2203LVS
Heated Foreline	Heated
Endpoint Detection	Optical Emission Spectroscopy
Chamber Isolation Valve	Barrier Seal Door

2300 Gas Box

Std Stacking Kits	4 PM Stacking Kit
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2300 Versys Silicon Gas Box

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	EDWARDS IPX 100A
VTM Robot	BROOKS Magna Tran_7.1 / 108000-07
ATM Robot	BROOKS Actran_7 / 151864
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

Poly Backing Pumps	Cust. Supply
Poly TCU Config	EDWARDS 40/80Plus / Qty 4

GAS BOX CONFIGURATION

Line	Gas Type / Gas Flow / MFC Type
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PM1

Line 1	HBr / 200SCCM / UFC-1661
Line 2	Cl2 / 100SCCM / UFC-1661
Line 3	CH2F2 / 110SCCM / UFC-1661
Line 4	O2 / 200SCCM / UFC-1661
Line 5	30%O2/He / 35SCCM / UFC-1661
Line 6	He / 200SCCM / UFC-1661
Line 7	CF4 / 200SCCM / UFC-1661
Line 8	NF3 / 100SCCM / UFC-1661
Line 9	Ar / 200SCCM / UFC-1661
Line 10	Cl2 / 50SCCM / UFC-1661
Line 11	SF6 / 100SCCM / UFC-1661
Line 12	O2 / 30SCCM / UFC-1661

PM2

Line 1	HBr / 200SCCM / UFC-1661
Line 2	Cl2 / 100SCCM / UFC-1661
Line 3	CH2F2 / 110SCCM / UFC-1661
Line 4	O2 / 200SCCM / UFC-1661
Line 5	30%O2/He / 35SCCM / UFC-1661
Line 6	He / 200SCCM / UFC-1661

Line 7	CF4 / 200SCCM / UFC-1661
Line 8	NF3 / 100SCCM / UFC-1661
Line 9	Ar / 200SCCM / UFC-1661
Line 10	Cl2 / 50SCCM / UFC-1661
Line 11	SF6 / 100SCCM / UFC-1661
Line 12	O2 / 30SCCM / UFC-1661

PM3

Line 1	HBr / 200SCCM / UFC-1661
Line 2	Cl2 / 100SCCM / UFC-1661
Line 3	CH2F2 / 110SCCM / UFC-1661
Line 4	O2 / 200SCCM / UFC-1661
Line 5	30%O2/He / 35SCCM / UFC-1661
Line 6	He / 200SCCM / UFC-1661
Line 7	CF4 / 200SCCM / UFC-1661
Line 8	NF3 / 100SCCM / UFC-1661
Line 9	Ar / 200SCCM / UFC-1661
Line 10	Cl2 / 50SCCM / UFC-1661
Line 11	SF6 / 100SCCM / UFC-1661
Line 12	O2 / 30SCCM / UFC-1661

PM4

Line 1	HBr / 200SCCM / UFC-1661
Line 2	Cl2 / 100SCCM / UFC-1661
Line 3	CH2F2 / 110SCCM / UFC-1661
Line 4	O2 / 200SCCM / UFC-1661
Line 5	30%O2/He / 35SCCM / UFC-1661
Line 6	He / 200SCCM / UFC-1661
Line 7	CF4 / 200SCCM / UFC-1661
Line 8	NF3 / 100SCCM / UFC-1661
Line 9	Ar / 200SCCM / UFC-1661
Line 10	Cl2 / 50SCCM / UFC-1661
Line 11	HBr / 150SCCM / UFC-1661
Line 12	NONE

Power distribution module

RPDB	Qty 1
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Dry pumps

TM	EDWARDS IPX 100A
PM1	EBARA AA100W
PM2	EBARA AA100W
PM3	EBARA AA100W
PM4	EBARA AA100W

Gas scrubber

Model	EBARA GTE-3-0WVT
Qty	1

End

