

Transaction Information

Tool ID	JID1
Tool Status	Running Wafers
Location	East Fishkill, USA
Wafer Size	300 mm
Fab Section	Thin Film
Tool Available Date	2024-09-01

General Product Information

Vendor Supplier	LAM
Model	300MM Dual SPEED
Vintage	2003
Serial No	03-9-C30214
Asset Description	300MM WTS with 2 HDP STI oxide chambers
Software Version	5.60 B59
CIM	SECS/GEM
Process	STI(Oxide)

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Main Tool	1	OK
Handler System	WTS	1	OK
Factory Interface	FOUP	2	OK
Others			

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
SSD electrical cabinet	1	OK

Missing/Faulty Parts / Accesories List

Description	Quantity
SPEED chamber has approx 20 missing parts	20

Tool Pictures

General

Main system-WTS with dual SPEED/
Sequel chambers



General

Main system-WTS with dual SPEED/
Sequel chambers



General

Main system-WTS with dual SPEED/
Sequel chambers



Hardware Fab

Config

The screenshot displays a software window titled "Configurable Gas Box - Speed Module 2". The window contains a table with the following data:

Software Name	Device Label	Gas/Liquid Name	Installed	Size (scca)	Target Description	Correction Factor
mf01	MFC 1	Silane	<input checked="" type="checkbox"/>	500	D/G Manifold	0.99
mf02	MFC 2	N/A	<input type="checkbox"/>	100	N/A	1.00
mf03	MFC 3	N/A	<input type="checkbox"/>	100	N/A	1.00
mf04	MFC 4	N/A	<input type="checkbox"/>	100	N/A	1.00
mf05	MFC 5	Hydrogen	<input checked="" type="checkbox"/>	2000	D Manifold Valve	1.00
mf06	MFC 6	Argon	<input checked="" type="checkbox"/>	1000	D Manifold Valve	1.00
mf07	MFC 7	Helium	<input checked="" type="checkbox"/>	1000	D Manifold Valve	1.00
mf08	MFC 8	NF3 Clean	<input checked="" type="checkbox"/>	5000	B/C Crossover	1.00
mf09	MFC 9	Oxygen	<input checked="" type="checkbox"/>	500	B/C Crossover	1.02
mf10	MFC 10	N/A	<input type="checkbox"/>	500	B Manifold	1.00
pchk		Helium	<input checked="" type="checkbox"/>	300		1.00
vd02		mf02 Divert Valve	<input checked="" type="checkbox"/>	0		0.00
vd03		mf03 Divert Valve	<input checked="" type="checkbox"/>	0		0.00
vd04		mf04 Divert Valve	<input checked="" type="checkbox"/>	0		0.00
vd10		mf10 Divert Valve	<input checked="" type="checkbox"/>	0		0.00
vs1		Valve 24A control logical senso	<input checked="" type="checkbox"/>	0	B Manifold	0.00
msc1		MFC 1000 Manifold C1	<input type="checkbox"/>	0	C1 Manifold	0.00

Below the table, there is a "Save" button and a row of gas labels: Oxygen, NF3 Clean, Helium, Argon, Hydrogen.

Hardware Sub-fab

SSD electrical cabinet



Manufacture Serial

Serial Number tags



NOVELLUS

FIRST IN PRODUCTIVITY

3970 N. First Street,
San Jose, CA 95134
U S A

MODEL NO

C3-SPEED

ELEC DIAG NO

76-101612-00

UNIT TYPE

Concept Three

SERIAL NO

03 -9-C30214

POWER REQUIREMENTS

208V - 50/60 Hz

C3-SPEED 0119

3 PHASE FULL LOAD CURRENT

14 AMPS

PORT LOCATION

#4

MAX COMPONENT CURRENT

20 AMPS

ONE OR MORE ASPECT OF THIS SYSTEM ARE
COVERED BY PATENTS PENDING

Manufacture Serial

Serial Number tags

DOWN



NOVELLUS
FIRST IN PRODUCTIVITY

3970 N. First Street,
San Jose, CA 95134
U S A

MODEL NO	ELEC DIAG NO	UNIT TYPE
<i>C3-SPEED</i>	<i>76-101612-00</i>	<i>Concept Three</i>
SERIAL NO <i>03 -9-C30214</i>	POWER REQUIREMENTS	<i>208V - 50/60 Hz</i>
<i>C3-SPEED 0118</i>	3 PHASE FULL LOAD CURRENT	<i>14 AMPS</i>
PORT LOCATION <i>#3</i>	MAX COMPONENT CURRENT	<i>20 AMPS</i>

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Additional Tool Data Files