

Transaction Information

Tool ID	EE-EME-03
Tool Status	Warehouse
Location	BHS Senkee, Singapore
Wafer Size	300 mm
Fab Section	Etch
Tool Available Date	2024-01-31

General Product Information

Vendor Supplier	Lam
Model	2300 Metal H
Vintage	2005
Serial No	97833
Asset Description	NA
Software Version	NA
CIM	NA
Process	Metal ETCH

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Chambers	4	
Handler System	Brooks Robot (ATR8 & MAG7)	1	
Factory Interface	FOUP	3	
Options System			
Others			

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
NONE		

Missing/Faulty Parts / Accesories List

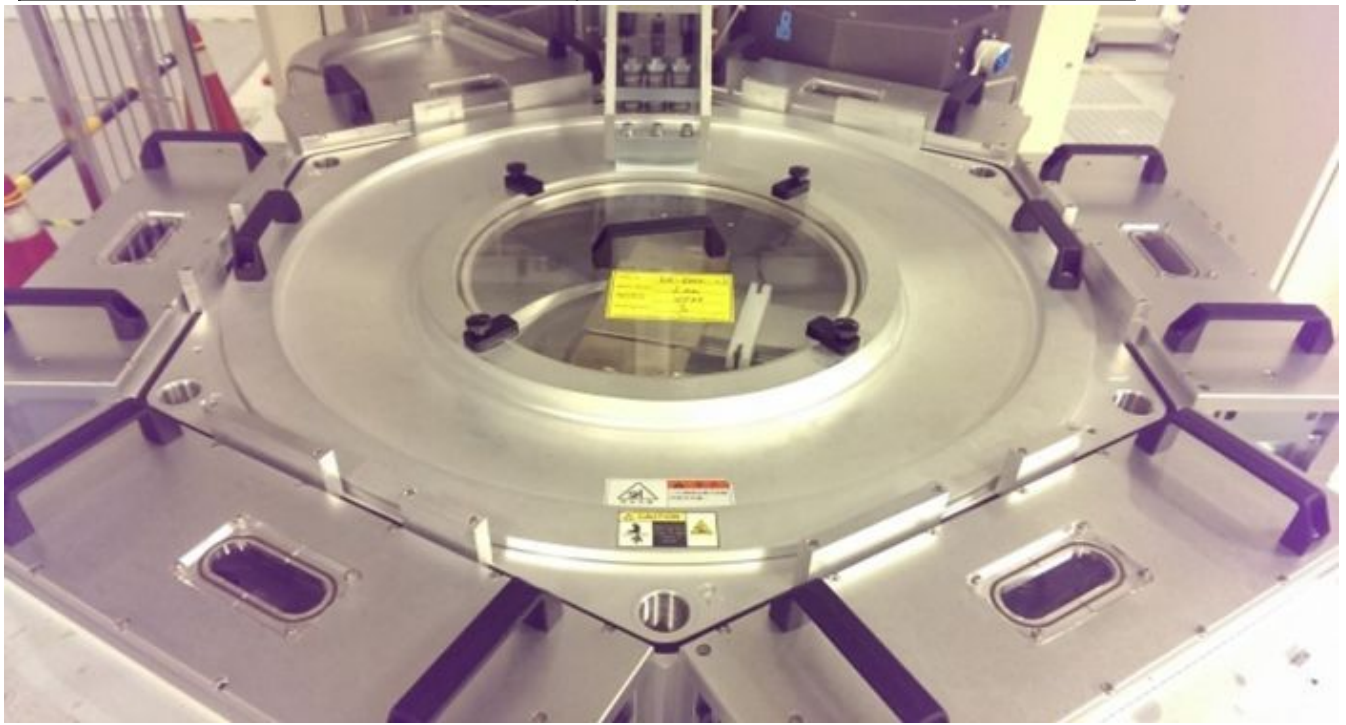
Description	Quantity
NONE	

Tool Pictures

General	Eqpt ID
---------	---------





















FREMONT, CA



MODEL NO. 2300

SERIAL NO. 1001862-05-43-13709

YEAR OF MANUFACTURE: 2005

SYSTEM INTERCON: 224-006907-200

SUPPLY CIRCUIT VOLTAGE RATING:

208VAC +10%, -10%

FREQUENCY: 50/60 Hz

SUPPLY CIRCUIT RATING:

3 ϕ Δ , 3 WIRE + PROTECTIVE GND

FULL-LOAD CURRENT: 272 AMPS

MAIN CB CURRENT RATING: 320 AMPS

SECONDARY FULL-LOAD CURRENT: 20A



WARNING



HAZARDOUS VOLTAGE
208 VOLTS

Can cause severe
injury or death.

Turn off power
before servicing



Additional Tool Data Files

Tool Configuration			
Process:	Metal etcher		
Equipment ID	EE-EME-03		
Model	2300 Metal H		
Project No.	97833		
ProMOS tool status	Warm shurdwon		
2300			
System Type	Complete System		
Platform Type	Version 2		
Wafer Size	300MM		
Wafer Config	SEMI		
Cassette Type	25 Cassette		
Position 1	2300 Microwave Strip		
Position 2	2300 Versys Metal		
Position 3	2300 Versys Metal		
Position 4	2300 Microwave Strip		
Gas System Type	IGS Gas Box		
2300 Versys Metal Options			
Chamber Type	2300 Versys Metal HP		
Wafer Clamping Mechanism	Tunable ESC (324/328)		
ESC Hose Kit	Standard		
ESC Facility Plate	Compression Facility Plate		
Wafer Life Mechanism	Direct Drive		
Focus Ring	Ceramic		
Capacitance Lock	Yes Capacitance Lock		
Voltage Control Interface	1200V		
Gas Feed	Top, Ceramic		
O'Rings	Chemraz		
Turbo Pump	STP-A2203 LVS		
Heated Foreline	Heated		
Endpoint Detection	Optical Emission Spectroscopy		
Chamber Isolation Valve	Chemraz Rocker Gate Valve		
2300 Micowave Options			
O'rings	Fluorosilicon/TEV		
MV Source	Quartz		
Baffle	Quartz		
Water Vapor Delivery	VoDM		
Chamber Isolation	Valve Barrier Seal Door		

Gas Delivery Type	On-Board (2-Line)		
2300 Gas Box			
Mounting Location	Transport Module		
GIB Option	No Gas Interface Box		
2300 Versys Gas Box			
Config MFC by Line	No: All the Same		
MFC Type	Unit 8561		
Gas Line	12 Gas Configuration		
Double Containment Kit	Standard Gas Containment		
Heated Gas Line	Heated Lines, Pos 1 and 2		
Gas Box Inlet Option	Regulated Inlet Gas Panel		
Gas Filter	Standard Filter		
2300 Platform			
ATM Configuration	Brooks ATR8		
Front End Load Port Cassette	3 FOUP		
Cassette ID	Hermos Carrier ID		
Factory Automation	OHT PIO Sensor with light Curtain		
VTM Automation	Brooks MAG7		
Conditioning Station A	Conditioning Station		
Conditioning Station B	No Conditioning Station		
Fab Clean Room Configuration	Ballroom		
Airlock Wafer Fingers	Stainless Wafer Pads		
Backing Pump for TM	IPX with N2 module (Edwards EPX 180N)		
User Interface Options	Front Monitor User Interface		
System UPS Circuitry	No Sys UPS Circuitry required		
Earth Leakage Breaker	No ELB		
Subpanel	Dual Drop Subpanel		
Signal Tower	R-O-G-B Signal Tower		
System Control	2300 1.X		
2300 Peripherals			
Metal Etch Backing Pumps	Cust. Supply: Ebara EST100WNHT		
Metal Local Scrubber	IPI SGA-310A		
Metal Etch TCU Config	Cust. Supply: ATS DEX-20A (coolant: HT200)		
Versys Metal PEDB	None		
2300 MW Strip Backing Pump	Cust. Supply: Ebara EST300WN		
Microwave Strip PEDB	None		
Gas Box configuration			
Line	MFC Type	Gas Type	Gas Flow
	PM1		
Line1	STEC SEC-Z313	N2	1000

Line2	STEC SEC-Z313	O2	5000
	PM2		
Line1	STEC SEC-Z313	CL2	300
Line2	STEC SEC-Z313	BCL3	300
Line3	STEC SEC-Z313	CL2	300
Line4	STEC SEC-Z313	N2	200
Line5	STEC SEC-Z313	CH4	80
Line6	STEC SEC-Z313	AR	500
Line7	STEC SEC-Z313	CHF3	50
Line8	STEC SEC-Z313	HE	500
Line9	STEC SEC-Z313	CF4	100
Line10	STEC SEC-Z313	O2	500
Line11	STEC SEC-Z313	N2	20
Line12	STEC SEC-Z313	SF6	500
	PM3		
Line1	STEC SEC-Z313	CL2	300
Line2	STEC SEC-Z313	BCL3	300
Line3	STEC SEC-Z313	CL2	300
Line4	STEC SEC-Z313	N2	200
Line5	STEC SEC-Z313	CH4	80
Line6	STEC SEC-Z313	AR	500
Line7	STEC SEC-Z313	CHF3	50
Line8	STEC SEC-Z313	HE	500
Line9	STEC SEC-Z313	CF4	100
Line10	STEC SEC-Z313	O2	500
Line11	STEC SEC-Z313	N2	20
Line12	STEC SEC-Z313	SF6	500
	PM4		
Line1	STEC SEC-Z313	N2	1000
Line2	STEC SEC-Z313	O2	5000