

Transaction Information

Tool ID	S43V
Tool Status	Connected
Location	Burlington, USA
Wafer Size	200 mm
Fab Section	Thin Film
Tool Available Date	2023-09-01

General Product Information

Vendor Supplier	Jusung Engineering Co., LTD
Model	Eureka 2000
Vintage	2011
Serial No	J-S2A00300
Asset Description	2 LOAD PORTS
Software Version	XP GUI_2100 v2.2.3
CIM	NONE
Process	Tantalum Oxide (Ta2O5) & Alumina (Al2O3)

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Handler System	Brooks Automation MX700 platform w/ 2 VCE6, TopLigner, Magnatran 7 with Leapfrog armset	1	OK
Options System			
Others			OK
Others			OK
Main System	Al2O2 Process Modules	2	OK
Main System	Brooks Transfer Module and 2 Load Locks	1	OK
Main System	Jusung Eureka 2000 w/ main power box & control rack	1	OK
Main System	Ta2O5 Process Modules	2	OK
Factory Interface	SMIF	1	OK
Others			OK
Others			OK
Others			OK
Others			OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
Pumps, Ebara AAS200WN	3	OK
Heat Exchanger, FST Inc. FSTC-HD366AJ-H	1	OK
LDS Cabinet, CSK TCT020DC	1	OK
Ozone System, IN USA ODS-39U-2x5000-ALMO-2	1	OK
Pumps, Ebara EV-S20	2	OK
Mini Environment	1	OK

Missing/Faulty Parts / Accesories List

Description	Quantity
PM2 (1 Ta2O5 chamber), Wafer heater/chuck	1
PM2 (1 Ta2O5 chamber), Outer dome/heater rf feedthru	1
PM2 (1 Ta2O5 chamber), LDS Argon Carrier MFC (MFC5)	1
PM4 (1 Al2O3 chamber), All gasbox and LDS (TMA) components	1
PM4 (1 Al2O3 chamber), Slot valve housing and actuator	1
PM2 (1 Ta2O5 chamber), Throttle Valve Controller (MKS 600)	1
PM2 (1 Ta2O5 chamber), Heat exchanger (2 channel unit for 2 chambers)	1
PM2 (1 Ta2O5 chamber), LDS pump	1
PM2 (1 Ta2O5 chamber), Chamber Pump	1
PM4 (1 Al2O3 chamber), Chamber pump	1
PM2 (1 Ta2O5 chamber), Chamber manometer	1
PM2 (1 Ta2O5 chamber), Heater/chuck controller (Eurotherm 2704)	1
PM4 (1 Al2O3 chamber), Wafer	1

Description	Quantity
heater/chuck	
PM4 (1 Al2O3 chamber), Chamber Manometer	1
PM4 (1 Al2O3 chamber), Multi-injector (showerhead) and final valves	1
PM4 (1 Al2O3 chamber), Heater/chuck controller (Eurotherm 2704)	1
PM4 (1 Al2O3 chamber), same heat exchanger as mentioned for S43B	1

Tool Pictures

General	NONE
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TOOL ID



Main Systems (SMIF / Handlers / Chambers)



Auxiliary Systems



Manufacture Serial

NONE

Manufacturer Tag

Manufacture : JUSUNG ENGINEERING Co.,Ltd

Model : EUREKA-2000 SYSTEM

Name : TaO, Al2O3 [Transfer Module]

Serial No. : J-S2A00300

Date of Mfg : October. 2011

Additional Tool Data Files