

Transaction Information

Tool ID	CMPO-A18
Tool Status	Connected
Location	Woodlands, Singapore
Wafer Size	200 mm
Fab Section	CMP
Tool Available Date	2024-10-09

General Product Information

Vendor Supplier	Ebara Corporation Tokyo Japan
Model	EPO-222
Vintage	2000
Serial No	PTG00690EX
Asset Description	Ebara 222 Oxide CMP-STI
Software Version	VME3.13.31/TouchPanel3.5.14
CIM	SECS/GEM
Process	Oxide ILD/IMD CMP

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	POLISHINGCLEANINGUNIT	2	OK
Others			
Options System			
Handler System	Robot Rorze		OK
Factory Interface	SMIF	2	OK

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status

Missing/Faulty Parts / Accesories List

Description	Quantity

Tool Pictures

General

PhysicalToolView





Hardware Fab	ToolConfig
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Fab235 Ebara222 Oxide CMP Equipment Configuration

System	CMPO-A18
Production	FMFG
Software	
VME (Tool Version)	03.13.31
Touch Panel Version	3.5.14
Endpoint	NA
Hardware	
Polishing Unit	RPC
a) RPC Top Ring Assembly (T1/T2)	Yes/Yes
b) Atomizer Function	Yes
c) Spray bar	# Nozzles
Pusher Unit	Enhanced Nozzles
Dressing Unit	Lightweight
Turn-Over Unit (Dry & Wet)	In-use
Roll Cleaning Unit	New Stage Clamps
Pencil Cleaning Unit	222 Sponge
Slurry Supply Unit	LineA-CLC
Load/Unload Unit	Inx2200
Robot Unit Rorze	Yes
a) Robot1 (Lower Arm modified with PEEK Material)	Yes
b) Robot2 (Upper/Lower arm modified with PEEK Material)	Yes
Upgrade / CIP Retrofit Items	
DTR Pressure Alarm (Lower Limit/Upper Limit)	Yes
Atomizer Spray Bar	Yes
Roll Unit Stage Clamps	Yes
Roll Unit Stage Belts	Yes
DTR DIW Flow Rate meter	Yes
VME Dual HDD	Yes

Hardware Sub-fab	NoAuxiliary
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No Auxiliary Equipment

Manufacture Serial

ToolSN

EBARA CMP

MODEL	P0 222	VOLTAGE	208 V
DATE		PHASE/WIRE	3 PHASE 4 WIRES
SER. No.	PTG00690EX	FREQUENCY	50 Hz
		ELECTRIC CURRENT	1.25 A

 **EBARA CORPORATION**
Pump & Valve Division

U. S. PATENT
5,476,414 5,679,059
5,830,045 5,885,138

Missing Parts	NoMissingParts
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ALL Parts are intact

Additional Tool Data Files

Fab235 Ebara222 Oxide/STI/New Head/Poly CMP Equipment Configuration	
System	CMPO-A18
Production	FMFG
Software	
VME (Tool Version)	03.13.31
Touch Panel Version	3.5.14
Endpoint	NA
Hardware	
Polishing Unit	RPC
a) RPC Top Ring Assembly (T1/T2)	Yes/Yes
b) Atomizer Function	Yes
c) Spray bar	# Nozzles
Pusher Unit	Enhanced Nozzles
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Turn-Over Unit (Dry & Wet)	In-use
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Slurry Supply Unit	LineA-CLC
Load/Unload Unit	Inx2200
Robot Unit Rorze	Yes
a) Robot1 (Lower Arm modiifed with PEEK Material)	Yes
b) Robot2 (Upper/Lower arm modiifed with PEEK Material)	Yes
Upgrade / CIP Retrofit Items	
DTR Pressure Alarm (Lower Limit/Upper Limit)	Yes
Atomizer Spray Bar	Yes
Roll Unit Stage Clamps	Yes
Roll Unit Stage Belts	Yes
DTR DIW Flow Rate meter	Yes
VME Dual HDD	Yes