

Transaction Information

Tool ID	FVX2487
Tool Status	Connected
Location	Malta, USA
Wafer Size	300 mm
Fab Section	Diffusion
Tool Available Date	2023-05-23

General Product Information

Vendor Supplier	HITACHI KOKUSAI
Model	DJ-1236VN-DF
Vintage	2015
Serial No	T2DC6-16595-1
Asset Description	FVX2487-T - KOKUSAI DJ-1236VN-DF
Software Version	91700
CIM	E84, SECS/GEM, GEM300, Interface A
Process	TiN_ALD

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Quixace Ultimate	1	OK
Handler System	Boat elevator	1	OK
Factory Interface	NONE	1	OK
Factory Interface	NONE	2	OK
Options System			
Others			

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
NONE		

Missing/Faulty Parts / Accesories List

Description	Quantity
2Z0T01819	1
PS13 Pin connector	1
Exhaust pipe	4
Bolt	1
Fan driver	1
Heater TC	1
Circular posts	2
LA panels	1
VG15 Baratron	1

Tool Pictures

General	Eqpt ID and MF
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No	Description
	Platform : QUIXACE-II or ULTIMATE
1	<p>- Basic Tool Configuration</p> <ul style="list-style-type: none"> - Mainbody and Axes - Wafer Transfer Robot - OHT(VO) Stage - Clean Unit Module - Operation Controller (CX5000) - Gas Pattern Panel - Integrated Gas Unit : Fujikin/CKD 1.125 inch Stick Type - MFC : STEC/CKD - Exhaust Box - Valve Box (BCD/CVD) - Power Box (480V-3Phase, 120V or 208V-Single Phase) - Semi Standard (S2,S8) - Packing and Domestic Transportation - Installation - 12 months standard warranty period <p>Accessories</p> <ul style="list-style-type: none"> - Rapid Heating/Cooling Mech. For Heater - Boat Rotation - Initial Quartzware Set (BCD-Quartz, Diffusion-SiC Boat/Liner) - N2 Purge System(BCD/CVD) - Bubbling(& Bottle Heater) Unit for TiN - Heating Unit(around furnace port)(BCD/CVD) - External Torch Unit(Oxide) - MP Transfer Robot(Wafer Detection System(cross)) - Gas Unit System for Ta precursor - Gas Unit System for Al precursor and TMA Box - Gas Line for Cl2 cleaning capability - TiN PC Kit(Filters, Valve Heater) - Clamp Heater - Ampoules for TiCl4 and TMA (HIKE) - Seismic Restraint - S3 Configuration items specified by customer
OP	<p>Optional Item</p> <ul style="list-style-type: none"> EEMS License EDA - Interface A Chemical Filter(O3)

General

Eqpt ID and MF



General

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No.	Description	TIN	TIN	Low-k/SiOCN	Thick Si3N4	Harp Anneal	Thin Oxide	
	Platform : QUIXACE-II or ULTIMATE	Q2/KEK	QU/HKE	QU/HKE	QU/HKE	Q2/HKE	Q2/HKE	(B
		Single Boat	Dual Boat	Single Boat	Single Boat	Single Boat	Single Boat	

Manufacture Serial

Serial Plate

Hitachi Kokusai Electric Inc.

VERTICAL LOW-PRESSURE CVD SYSTEM

MODEL: DJ-1236VN-DF MFG.NO: T2DC6-16595-1 MFG.DATE:

VOLTAGE	480 VAC, 3 PHASE	120 VAC, 1 PHASE	VAC, PHASE
	3 WIRE+GROUND	2 WIRE+GROUND	WIRE+GROUND
FREQUENCY	60 Hz	60 Hz	Hz
FULL LOAD CURRENT	212 A	17 A	A
MACHINE MAIN BREAKER RATING	300 A	30 A	A
AMPERE RATING OF LARGEST LOAD	200 A	12 A	A
BOOR OF INDUSTRIAL CONTROL PANEL	50 K A	100 K A	K A
ELECTRICAL DIAGRAM NUMBER	D7EX43470, D7EX44288, D7EX44289, D7EX43488		

TOYAMA WORKS 2-1 Yasuuchi Yatsuo-Machi Toyama-Shi Toyama-Ken 939-2393 Japan

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Additional Configuration Files