

Transaction Information

Tool ID	SCAN-502
Tool Status	Connected
Location	Singapore
Wafer Size	200 mm
Fab Section	Lithography
Tool Available Date	2022-01-11

General Product Information

Vendor Supplier	Nikon Corporation Ltd
Model	NSR-S204B
Vintage	2000
Serial No	6030087
Asset Description	NIKON DUV SCANNER
Software Version	MCSV S3.42G, OCSV S3.43, Maint_V S370-XX3260, Base-kit BASEXX301-0008T, WLDRX3062-V340A, RLDR8SF12-V280A
CIM	SECS
Process	MASKING

Hardware Configuration (Fab)

System Type	Description	Quantity	Status
Main System	Main Body	1	
Main System	Cymer Laser ELS-6400	1	OK
Main System	PCB Control Rack	1	OK
Handler System	Wafer Loader Type 3	1	OK
Factory Interface	SMIF	2	OK
Options System			
Others			

Hardware Configuration (Subfab / Auxilliary Units)

Description	Quantity	Status
NONE		

Missing/Faulty Parts / Accesories List

Description	Quantity
NONE	

Tool Pictures

Hardware Fab

1) Main Body, 2) Control PCB Rack, 3)
Cymer Laser ELS-6400



Hardware Fab

1) Main Body, 2) Control PCB Rack, 3)
Cymer Laser ELS-6400



Hardware Fab

1) Main Body, 2) Control PCB Rack, 3)
Cymer Laser ELS-6400



Manufacture Serial

1) Nikon Serial Number, 2) Cymer
Serial Number.

CYMER, INC.

MADE IN U.S.A.

16750 VIA DEL CAMPO CT.
SAN DIEGO, CA 92127

MODEL **ELS-6400**

SERIAL **00CD433901**

RATING

208V~, 50/60Hz, 3 ϕ , 4 WIRE, GROUNDED,
60A/ ϕ , 65,000AIC@240VAC; HVPS 50A

MANUFACTURED

January 12, 2000

Manufacture Serial

1) Nikon Serial Number, 2) Cymer
Serial Number.

Step and Repeat System

Electrical Rating

Voltage

: 200/208 V

Full load current

: 91A

Ampere rating of largest load

: 24A

Ampere rating of short-circuit protective devices

: 100A

Ampere rating of ground-fault protective devices

: 100mA

No. of Phase

: 3 Phase

No. of Wires

: 3 Wires

Frequency

: + Ground Line

AIC

: 50/60 Hz

Electrical Diagram No.

: 50KA

Model Name

: 31902103

Serial Number

: 31902104

MFG. date

⚡ NSR-S204B

Manufacture

: 6030087

: JUNE-00

: NIKON CORPORATION

: Saitama . Japan

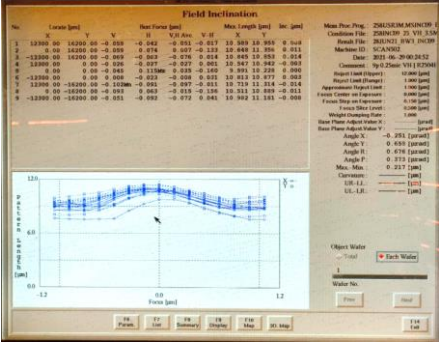
Made in Japan

Additional Configuration Files

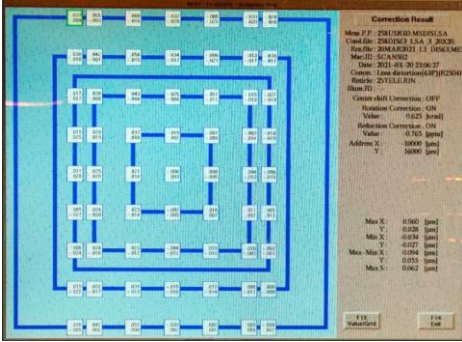
Equipment Configuration

Eqpt ID	SCAN-502
Tool Status	NST-IDL
Software	
MCSV S3.42G	Main Communication Software
OCSV S3.43	Online Communication Software
Maint_V S370-XX3260	Maintenance Menu Software
Base-kit BASEXX301-0008T	Tool Basekit Software
WLDRX3062-V340A	Wafer Loader Software
RLDR8SF12-V280A	Reticle Loader Software
Hardware	
DMCC (Digital) workstation	ETM25-SA
Dual HardDisk Size (DKA100 and DKA0)	9.1GB Each
LCD monitor	Display
Interferometer VME unit	PCB boards
Lens Controller (LC) unit	PCB boards
Alignment Controller (ALG) unit	PCB boards
Operation Desk (OPD) unit	PCB boards
Stage Controller (STG) unit	PCB boards
SCSI (S/G) unit	PCB board
Reticle Loader (RL) unit	PCB boards
Wafer loader (WL) unit	PCB boards
LSA laserhead	3225H-PCN
Reticle Stage Interferometer laser	5517D C07 (5517DL)
Wafer Stage Interferometer laser	5517D C06
Reticle indexer (2 units) SMIF Type	Indexer R150
Cymer Laser	ELS-6400
Consummable	
Halogen lamp	SE-0257120
Upgrade / CIP Retrofit Details	
Not applicable	

FIELD INCLINATION



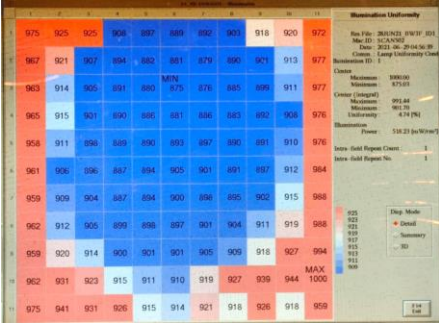
LENS DISTORTION



LENS DISTORTION

0.007	0.000	0.00	0.002	0.000	0.01	0.024
0.008	0.000	0.000	0.000	0.000	0.000	0.000
0.01	0.042	0.000	0.000	0.000	0.000	0.000
0.01	0.000	0.015	0.017	0.011	0.017	0.017
0.01	0.000	0.000	0.000	0.000	0.000	0.000
0.01	0.000	0.000	0.000	0.000	0.000	0.000
0.01	0.000	0.000	0.000	0.000	0.000	0.000
0.01	0.000	0.000	0.000	0.000	0.000	0.000
0.01	0.000	0.000	0.000	0.000	0.000	0.000
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0.01	0.000	0.000	0.000	0.000	0.000	0.000

ILLUMINATION STATIC UNIFORMITY I D1



ILLUMINATION STATIC UNIFORMITY I D3



Licence Details



Licence Number	N2/01185/0032	Business Operating Address	--
Licensee	-	Agency	National Environment Agency
Status	Active	Expiry Date	31 Oct 2022
Licence Name	N2 - Licence to keep or possess for use non-ionising irradiating apparatus	Company	199800060H / SILICON MANUFACTURING PARTNERS PTE LTD
Issue Date	08 Nov 2021	Remarks	--