

Basic Configuration

Item	Details	Item	Details
Manufacturer	NIKON	Model	NSR-S208D
Serial No.		Vintage	
Wafer Size	300mm	Fab Section	Lithography
Machine ID		Asset Description	Nikon Main Body
Stock place		Status	
Inspection Date			

Hardware Configuration

Category	Component	Qty	Status
Main system	Main Body	1	OK
Handler System	External FOUP System	1	OK
CIM	SECS	1	OK
Factory Interface	SMIF	1	OK
Software Version	MCSW ver.180-P12/ OCSW ver.180-P10	1	OK
Subsystem	Amp Rack	1	OK
	Temperature Controller	1	OK
	Cymer Laser	1	OK
	Air Conditioner	1	OK

Missing Parts

Category	Component	Qty	Status
None			

Additional Configuration Files

◆ Reticle Blind Check

Item		Setting value	Measured Value
XM Outside		400 ~ 800 μm	650
XP Inside		400 ~ 800 μm	650
YM Outside		400 ~ 800 μm	610
YP Inside		400 ~ 800 μm	620

◆ Illumination Check

Item		Setting value	Measured Value
ID1	Uniformity	≤ 0.8 %	0.0056
	Power	> 3000 mw/cm2	3177
ID13	Uniformity	≤ 0.8 %	0.00346
	Power	> 3000 mw/cm2	2533
ID15	Uniformity	≤ 0.8 %	0.00433
	Power	> 3000 mw/cm2	2544
ID17	Uniformity	≤ 0.8 %	0.00592
	Power	> 3000 mw/cm2	2568

◆ Wafer Stage Mirror Bow Check

Item		Setting value	Measured Value
Upper	Sub value X	≤ 8 nm	1.695
	Sub value Y	≤ 8 nm	1.695
Lower	Sub value X	≤ 8 nm	1.133
	Sub value Y	≤ 8 nm	0.919
Twist	Sub value X	≤ 8 nm	5.337
	Sub value Y	≤ 8 nm	4.39

Additional Configuration Files

◆ Projection Lens Image Plane Check

Item	Setting value	Measured Value
Angle X	$0 \pm 1 \text{ urad}$	-0.051
Angle Y	$0 \pm 3 \text{ urad}$	0.511

◆ Wafer Loader Repeatability (Front) Check

Item	Setting value	Measured Value
Y 3Sigma	$\leq 15 \text{ }\mu\text{m}$	3.955
Rot 3Sigma	$\leq 200 \text{ }\mu\text{m}$	112.742
X 3Sigma	$\leq 15 \text{ }\mu\text{m}$	7.137
Rot mean	$0 \pm 200 \text{ }\mu\text{m}$	141.461
Y mean	$0 \pm 10 \text{ }\mu\text{m}$	1.758
X mean	$0 \pm 10 \text{ }\mu\text{m}$	1.906

◆ Field/Flare/Focus Check

Item	Setting value	Measured Value
Field Inclination TFD(max-min)	$\leq 0.080 \text{ }\mu\text{m}$	0.0675
All reading have?(Yes/No)	Yes	YES
Flare check (E0)	$\geq 240 \text{ mj}$	360
Best Focus	$0 \pm 0.015 \text{ }\mu\text{m}$	0.004