

No	ITEM	SPEC	RESULT
1	Total Focus Deviation	Max-Min $\leq 0.20\mu\text{m}$	0.236 μm
2	Lens Astigmatism	$ V-H \leq 0.30\mu\text{m}$	0.186 μm
3	Lens Dynamic Distortion	X,Y = Within $\pm 50\text{nm}$	X = -23nm~37nm Y = -29nm~27nm
4	Wafer Flatness Accuracy	1) Flat Within \geq Max-Min 3.0 μm 2) L.F.S Within \geq Max-Min 0.8 μm	1. 1.38 μm 2. 0.56 μm
5	Exposure Power	Within $\geq 650\text{mW}/\text{cm}^2$	560 mW/cm^2
6	Illumination Uniformity	Within $\pm 1.5\%$	1.15%
7	Stage Precision Accuracy 1) Stepping Accuracy 2) Backlash Accuracy	1) $3\sigma \leq 50\text{nm}$ 2) $3\sigma \leq 50\text{nm}$	1) X: 21nm Y: 21nm 2) X: 37nm Y: 29nm
8	Wafer Pre-Alignment Repeatability	$3\sigma \leq 15\mu\text{m}$	X : 2.389 μm Y : 5.657 μm T : 4.068 μm
9	Integrator Accuracy	Target: Ave $\leq 1\%$	Ave Max = 0.015%
10	Alignment Accuracy 1) FIA-EGA 2) LSA-EGA	FIA-EGA = $ M + 3\sigma \leq 75\text{nm}$ LSA-EGA = $ M + 3\sigma \leq 75\text{nm}$	1) X = $\pm 50\text{nm}$ Y = $\pm 30\text{nm}$ 2) X = $\pm 30\text{nm}$ Y = $\pm 30\text{nm}$