



Canon

FPA-6000ES5a

1. ID No	
2. Description	Stepper/Scanner
3. Manufacturer	Canon
4. Model	FPA-6000ES5a
5. Wafer Size	300mm
6. Vintage	May. 2007
7. Serial Number	
8. Location	

Description	Specification	Remarks
Reticle		
Size	□6" t=0.25"	
Surface	2 Layers Cr, 3 Layers Cr Att PSM Alt PSM	
Pellicle	Only pattern surfaces can be installed	
Wafer Size	Standard 6.3mm "4.0~ flexible to individual requirement 300mm • Si Notch(SEMI)	
Exposure System		
Projection Lens		
Magnification	1 : 4	
NA	0.55~0.86 (0.01 Resolution)	
Screen Size	26 x 33mm	
Optical Component protection	CDA Substitution	
Illumination optical system		
Light source	Gigaphoton C500GK	
Wavelength/Output	248nm / 4kHz 40W	
Exposure control	Cumulative exposure	
Masking Blade	Aperture Range: □0.4mm ~ X:26mm, Y:33mm	
AFIS Input	15 level turret system	
2nd Input Lens	6 level turret system (Fixed 2, Zoom 4)	
Flexible illumination	Standard mode : Conventional cy0.25~0.95 Option mode : Conventional cy0.12~0.25	

Description	Specification	Remarks
Main Body		
Filter	NH3+Acid+NMP Chemical filter	
Focus System		
Focus / Leveling		
Detection method	Optical focus method	
Drive method	Wafer Stage drive	
Focus calibration		
Detection Method	ALFG, LipS	
Others		
Change in pressure focus	Automatic Correction	
Change in exposure focus	Automatic Correction	
AA System		
Reticle alignment		
Alignment method	Matching with the R-standard mark by FRAS	
OFF AXIS Wafer alignment system		
Measuring mode	AGA method	
Base line detection	Matching with the Stage standard mark	
Mechanical pre-alignment	Circumference non-contact method	
TV pre-alignment	TV Image processing method	

Description	Specification	Remarks
Stage system		
Wafer scan stage	Scan speed : 500m/s	
Reticle scan stage	Scan speed : 2000m/s	
Wafer transport system		
Wafer Transport	Non-contact wafer surface and edge system	
Inline	Left to right (Standard)	
	Front side / Open Cassette	
Chuck maintenance unit	Equipment left-side access	
Reticle transport system		
Reticle changer	Cassette type : Canon	
Reticle storage capacity	Canon cassette changer : 14 sheet	
	Expansion library : 15 sheet	
SMIF reticle changer	Load port : 2	
	Internal stock quantity : 7 sheet	
Missing/Defect		
Missing parts	HDD(3.5inch, 80gb, EPC1) 2ea	
Defect parts	None	