



Canon Scanner Specification **FPA-5000ES6 & ES6a**

Reticle Size:	□6", 0.25"t
Wafer Size:	8" & 12" Capable
Magnification:	X 1/4
Numerical Aperture:	0.86 to 0.50
Image Field:	26mm x 33mm
Printing Wavelength:	DUV (248 nm) KrF
Resolution:	≤0.100μm (SiB2)
Illumination:	KrF Laser (Cymer or Gigaphoton) 30W/4000Hz
Illumination Uniformity:	≤0.7%
Intensity:	≥31000W/m ²
Alignment Modes:	TTL Off-Axis Broad Band TV
Alignment Light Source:	He-Ne laser (633 nm) (Option) Broad Band (Halogen lamp)
Alignment Accuracy:	≤12nm (mean + 3σ)
Throughput:	≥147wafers/hour (12")
Wafer Leveling:	Die-by-die tilt Global tilt



Canon Scanner Specification **FPA-5000ES6a**

Reticle Size:	□6", 0.25"t, [□5", 0.09"t option]
Wafer Size:	8" & 12" Capable
Magnification:	X 1/4
Numerical Aperture:	0.86 to 0.50
Image Field:	26mm x 33mm
Printing Wavelength:	DUV (248 nm) KrF
Resolution:	≤0.100μm (SiB2)
Illumination:	KrF Laser (Cymer or Gigaphoton) 40W/4000Hz
Illumination Uniformity:	≤0.6%
Intensity:	≥31000W/m ²
Alignment Modes:	TTL Off-Axis Broad Band TV
Alignment Light Source:	He-Ne laser (633 nm) (Option) Broad Band (Halogen lamp)
Alignment Accuracy:	≤12nm (mean + 3σ)
Throughput:	≥157wafers/hour (12")
Wafer Leveling:	Die-by-die tilt Global tilt