

# GCA ALS-1710

## Specifications

### System Specifications

System Resolution	0.7 $\mu$ m Line/Space
Depth of Focus	1.25 $\mu$ m
Illumination Uniformity	$\pm$ 2.5%
Illumination Intensity	>300mw/cm <sup>2</sup>
Open Frame	No Repeaters
Reduction	$\pm$ 0.1 $\mu$ m
Rotation	$\leq$ 0.05 $\mu$ m
Telecentricity	$\leq$ 1.5ppm/ $\mu$ m
Stepping Repeatability	$\leq$ 0.15 $\mu$ m
Global Alignment	$\pm$ 0.25 $\mu$ m
Local Alignment	$\pm$ 0.15 $\mu$ m
RMS Reliability	100 Cycles
Reticle Blade Accuracy	$\pm$ 0.25mm
AWH Reliability	100 Wafers
AWH Accuracy	$\pm$ 0.003"
Leveling Repeatability	$\pm$ 5ppm from nominal