

Main Unit Spec

Specification		GM-1005	GM-1010	GM-1015	GM-1020
Beam Diameter		up to $\phi 5\text{mm}$	up to $\phi 10\text{mm}$	up to $\phi 15\text{mm}$	up to $\phi 30\text{mm}$
Scan Angle (Mechanical)		$\pm 30^\circ$	$\pm 20^\circ$		
Small Step Response		200 μsec	280 μsec	390 μsec	540 μsec
Resolution		2.14 μrad	0.77 μrad	0.51 μrad	0.51 μrad
Position Repeatability		5 μrad	3 μrad		
Thermal Drift	Gain Drift	0			
	Offset Drift	7.5 $\mu\text{rad.pp}/^\circ\text{C}$	3 $\mu\text{rad}/\text{deg.}^\circ\text{C}$		
	Power-On Drift	5 $\mu\text{rad} / 8\text{hrs}$			
Weight		30g	200g	300g	600g
Power Supply	Motor Driver	+24V $\pm 10\%$, 10A per axis			
	Logic Circuit	+5V $\pm 5\%$, 2.8A			
Communication		High Speed Serial: XY2-100, 16~20bit Serial: RS-232C			
Environment	Operating	0 ~ 50 $^\circ\text{C}$ 90%RH maximum (no condensation)			
	Storage	-20 ~ 60 $^\circ\text{C}$ 90%RH maximum (no condensation)			