

Main Unit Spec

Specification		KP-1SM30	KP-1SM100
Beam Diameter		$\phi 10 \sim \phi 20\text{mm}$	$\phi 20 \sim \phi 30\text{mm}$
Scan Angle (Mechanical)		$\pm 15^\circ$	
Small Step Response		450 μsec	580 μsec
Resolution		0.036 μrad	
Position Repeatability		1 μrad	
Thermal Drift	Gain Drift	0	
	Offset Drift	3 $\mu\text{rad}/^\circ\text{C}$	
	Power-On Drift	5 $\mu\text{rad} / 8\text{hrs}$	
Linearity		100 $\mu\text{rad} / 30^\circ$	
Weight		950g	1650g
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	13 ~ 33 $^\circ\text{C}$ 90%RH maximum (no condensation)	
	Storage	-20 ~ 60 $^\circ\text{C}$ 90%RH maximum (no condensation)	