

Part No: SH2-14



Technical Specification

Item	Specification
Galvanometer Parameters	
Clear Aperture	14mm
Maximum Scanning Angle	$\pm 0.35\text{rad}$
Small Angle Response Time	$\leq 0.45\text{ms}$
Marking Speed (f=160)	2.1m/s
Positioning Speed	11m/s
Maximum Gain Drift	$\leq 100\text{ppm}/^\circ\text{C}$
Zero Drift	$\leq 30\mu\text{rad}/^\circ\text{C}$
8-hour Work Drift	$\leq 0.4\text{mrad}$
Average Working Current	5A
Peak Current	10A
Repeatability	10 μrad
Linearity	$\geq 99\%$
Weight	(2.1 \pm 5%) Kg



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Control Card Parameters	
Power Supply	$\pm 15V/5A$ DC
Position Signal Input Impedance	$1K\Omega \pm 1\%$
Position Signal Input Proportional Coefficient	$0.5V/^\circ$
Position Signal Output Scale Factor	$0.5V/^\circ$
Position Resolution	16bit
Input Parameters	
Digital Signal	XY2-100
Wavelength	355nm/532nm/1064nm/10600nm
Operating Temperature	$25^\circ C \pm 10^\circ C$