

Part No: SH2-20



Technical Specification

Item	Specification
Galvanometer Parameters	
Clear Aperture	20mm
Maximum Scanning Angle	$\pm 0.35\text{rad}$
Small Angle Response Time	$\leq 0.8\text{ms}$
Marking Speed (f=160)	1.2m/s
Positioning Speed	8m/s
Maximum Gain Drift	$\leq 120\text{ppm}/^\circ\text{C}$
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	12A
Repeatability	12 μrad
Linearity	$\geq 99\%$
Weight	(5.5 \pm 5%) Kg



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