

## Part No: SH2-10H



### Technical Specification

Item	Specification
<b>Galvanometer Parameters</b>	
Clear Aperture	10mm
Maximum Scanning Angle	$\pm 0.35\text{rad}$
Small Angle Response Time	$\leq 0.32\text{ms}$
Marking Speed (f=160)	3m/s
Positioning Speed	12m/s
Maximum Gain Drift	$\leq 90\text{ppm}/^\circ\text{C}$
Zero Drift	$\leq 30\mu\text{rad}/^\circ\text{C}$
8-hour Work Drift	$\leq 0.4\text{mrad}$
Average Working Current	2A
Peak Current	10A
Repeatability	10 $\mu\text{rad}$
Linearity	$\geq 99.5\%$
Weight	(1.85 $\pm$ 5%) Kg



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<b>Control Card Parameters</b>	
Power Supply	$\pm 15V/3A$ 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
<b>Input Parameters</b>	
Digital Signal	XY2-100
Wavelength	355nm/532nm/1064nm/10600nm
Operating Temperature	$25^\circ C \pm 10^\circ C$