

10

2D Scanhead-10 Serial

Support wavelength: 355、532、980、1064、9400、10640nm



S10 Entry Option

- The new generation of 2D scanhead with compact design and good performance. It is an entry level for laser marking.

PS10 Advanced Option

- The optimized drive has further developed marking speed which has deeply improved the speed on fly marking.

Pilot10 Best Cost Effective Option

- The Pilot 10 is specific applied with high speed and high precision, this is the best cost effective scanhead.

SH10/SH10P2 High end application Option

- The excellent performance satisfy challenging work environmental.
- Support customization.

PRODUCT TECHNICAL DATA

Technical Info.		Specifications				
Optical Specifications	Size(mm)	10				
	Input beam diameter(mm)	10				
	Available Wavelength(nm)	355	532	980	1064	9400
Optical Paramater	Optical Surface	1/4λ@633 / Partly 1/8λ@63				
	Optical Material	Si / SiC				
Galvanometer Specifications	Version	S10	SH10	Pilot10	PS10	
	Weight (KG)	2.1	2	1.3	2.2	
	Size(mm)	126x115x115	126x115x115	130x89x103.4	150x115x115	
	Scan Angle(°)	±11	±11	±10	±10	
	Repeatability(μrad)	8	8	5	8	
	Max.Gain Drift(ppm/k)	100	100	50	100	
	Max.Offset Drift(μrad/k)	30	30	15	30	
	Long-term drift over 8h(mrad)	≤0.3	≤0.1	≤0.08	≤0.3	
	Max.processing speed(charaters/s)	600	720	700	960	
Tracking Error(ms)	≤0.18	≤0.14	≤0.13	≤0.11		

