

新势力光电供应飞秒激光器, 该系列飞秒激光器是高功率短脉冲的飞秒光纤激光器。1 μ m/2 μ m波长的输出功率可达10W; 1.5 μ m波长的输出功率可达5W。



技术特点:

脉宽整形、频谱整形、偏振整形。

产品应用:

时间分辨荧光光谱仪、光学相干断层扫描、材料加工、生物医学、非线性光学、显微成像。

激光器

光学测量

光学元件

太赫兹系统

固体激光器

半导体激光器

光纤激光器

气体激光器

▶ 超快激光器

High power series						
Specification	Min.	Typical	Max.	Min.	Typical	Max.
Wavelength[μ m]	1			1.55 or 2		
Output average power[W]	N.A.	1, 5, 8	10	N.A.	1	5
Pulse width[fs]	80	100-250	500	150	300	500
Wavelength range[nm]	1025	1030	1100	1530	fixed	1600
		1047 1053 1064		1950	fixed	2050
Pulse repetition rate[MHz]	10	N.A.	200	10	N.A.	300
output type	free space			free space or fiber output		
Size[mm]	430×130×560			430×130×560		
Note	Tunable wavelength is available. For 1 μ m, integrated SHG (1W, 515nm/532nm), THG and FHG are available. For 1.5 μ m, integrated SHG (1W, 780nm) is available upon request.					

High energy series						
Specification	Min.	Typical	Max.	Min.	Typical	Max.
Wavelength[μ m]	1			1.55 or 2		
Output pulse energy[mJ]	N.A.	1 or 10 or 50	100	N.A.	1 or 5	10
Pulse width[fs]	N.A.	N.A.	800	N.A.	N.A.	800
Wavelength range[nm]	N.A.	1030	1065	1530	1550	1600
				1950	2000	2050
Pulse repetition rate[MHz]	0.01	N.A.	5	0.01	N.A.	5
output type	free space			free space		
Size[mm]	430×130×560			430×130×560		
Note	For 1 μ m, integrated SHG (515nm/532nm), THG and FHG are available.					