

## 双波长激光器



新势力光电供应**双波长激光器**，457nm-594nm区间任意两款**单纵模激光器**可以实现随机组合，并且功率大小可选。该系列**双波长单纵模激光器**用于替代氩离子激光器和氦离子激光器，应用领域广泛，包括：流式细胞仪、激光扫描仪、DNA测序、共聚焦显微镜。

Cobolt Dual Combiner: a permanently aligned combination of any two wavelengths		
Specifications	Wavelength[nm]	Power[mW]
Cobolt Twist	457	25, 50
Cobolt Blues	473	25, 50
Cobolt Calypso	491	25, 50, 75, 100
Cobolt Fandango	515	25, 50, 100, 150
Cobolt Samba	532	25, 50, 100, 150, 300
Cobolt Jive	561	25, 50, 75, 100, 150
Cobolt Mambo	594	25, 50, 100
Spectral linewidth	<1MHz(<0.01pm)	
Spatial mode	TEM00, M2<1.1	
Beam diameter at aperture	700µm	
Beam divergence(full angle)	<1.2mrad	
Beam overlap	<250µrad	
Long-term stability(8 hrs)	<3%(±3°C)	
Beam pointing stability(10-40°C)	<25µrad/°C	
Polarization ratio(linear)	>100:1	
Total system power consumption	<70W, typical<30W	
Operating temperature	10-40°C	
Heat sink thermal resistance	0.5K/W	
Dual Combiner dimensions[mm]	190×65×46	
Controller dimensions[mm]	190×72×28	
Communication	RS-232 or USB	
Model number structure	CDRH (key-switch for on/off)	OEM (auto-start mode)

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**新势力光电**

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Model number structure for RS-232	wavel1wavel2-DLC-01-pwr1pwr2-30 0	wavel1wavel2-DLC-01-pwr1pwr2-40 0
Model number structure for USB	wavel1wavel2-DLC-01-pwr1pwr2-70 0	wavel1wavel2-DLC-01-pwr1pwr2-80 0
Warranty	12 months(24 months on included laser heads)	
Options & Accessories	customized interface cable	
	RS-232 communication cable	
	mounting block for permanent SM/PM fiber coupling	

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