

超连续谱激光器-超短脉冲系列

Supercontinuum laser- Ultrashort pulse series

产品描述 Product description:

Gloria-SC-P 型超连续谱激光器系列可以提供脉宽皮秒量级的宽带超连续谱，通过调节重复频率和输出功率可实现客户的不同需求，可选外部触发功能。

Gloria-SC-P supercontinuum laser series can provide broadband supercontinuum with pulse width in picosecond level. By adjusting repetition rate and output power, different requirements of customers can be realized. External trigger function is optional.

另外，我们可以根据用户不同的需求，定制重复频率、输出功率、发散角等光学参数。

In addition, we can customize repetition frequency, output power, divergence angle and other optical parameters of supercontinuum according to different needs of users..

产品特色

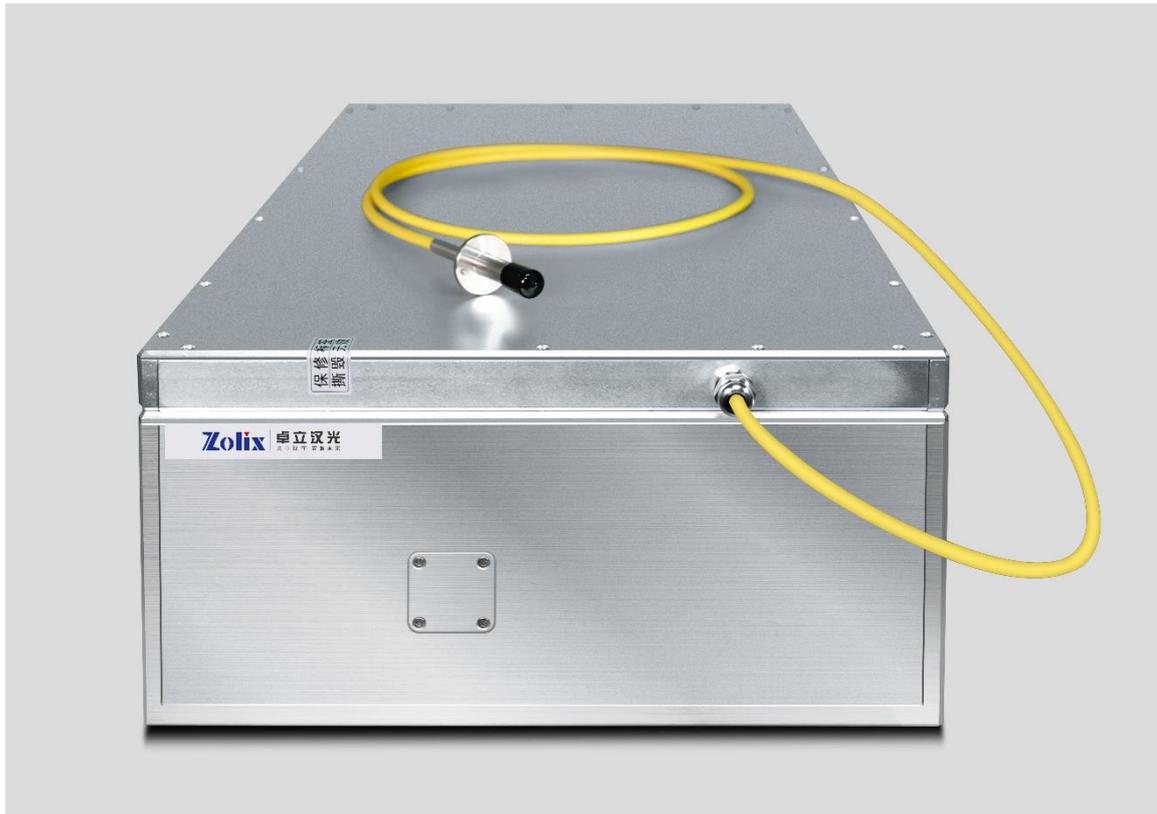
Product characteristics:

- 高功率可选 High power optional
- 宽带宽 Wide band
- 重复频率、输出功率可调 Adjustable repetition frequency and output power
- 高稳定性 High stability

产品应用 Product application:

- 纳米粒子和量子点 Nanoparticles and quantum dots
- 纳米结构表征 Characterization of Nanostructures
- 太阳能电池表征 Solar cell characterization
- 图像传感器和检测器表征 Image sensor and detector characterization
- 石墨烯和碳纳米管 Graphene and carbon nanotubes
- 荧光寿命成像 Fluorescence lifetime imaging
- 超高分辨显微成像 Ultra-high resolution microscopic imaging
- 光学相干层析 Optical coherence tomography (OCT)



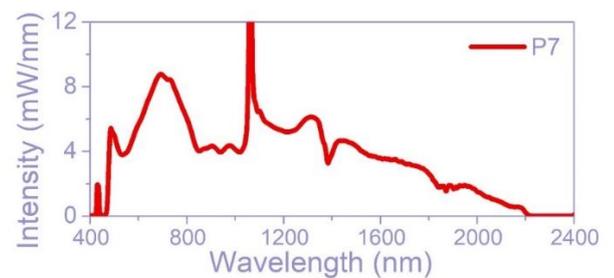


产品规格 Product specifications:

光学特性 Optical specifications:

Model	Gloria-SC-P
Cut-in wavelength ¹⁾	420 nm
Total power	7.5 W
Total visible power(350-850 nm)	2.2W
Spectral range	420-2200 nm
Power stability	<0.5% (RMS)
Variable repetition rate	160 kHz-80 MHz
Beam quality	$M^2 < 1.1$
Polarization	Random

The intensity of cut-in wavelength is larger than 0.1 mW/nm.



电学和物理特性 Electrical and physical properties

Model	Gloria-SC-P
Length of output fiber	1.5 m
Synchronous output signal	BNC; TTL voltage level
Operation Voltage	100-240 V; 50/60 Hz
Power consumption	< 150 W
Dimension((W×H×L))	600×400×200 mm
Weight	<25 kg

