

## Supercontinuum Source SC-PRO

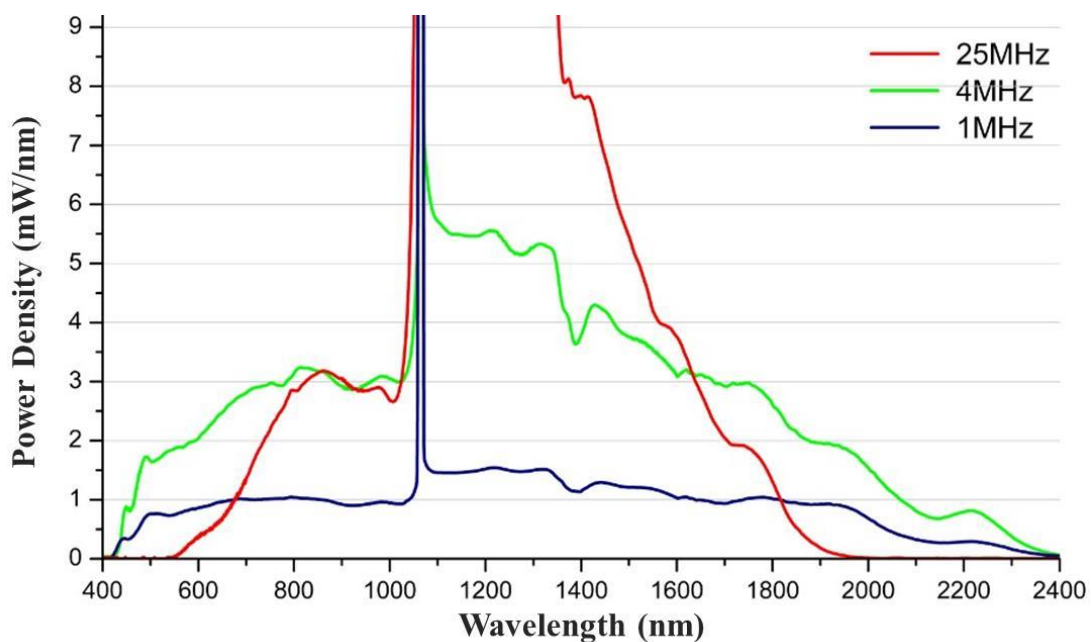
**YSL Photonics' SC-PRO** is the high power supercontinuum source with variable repetition rate from 100kHz to 25MHz. It delivers a wide spectral output ranging from 430nm to 2400nm with over 6W average power. SC-PRO offers >1uJ pulse energy (@1MHz), making it the ideal source for super resolution microscopy. The >3mW/nm average power density makes it an ideal source for the various applications such as OCT, fluorescence microscopy, nanophotonics, and etc.

### Features:

- Self-designed highly reliable seed laser
- Wavelength: 430nm-2400nm
- 100kHz-25MHz variable repetition rate
- Pulse energy up to 1uJ
- Total power: >6W
- Single-mode output

### Applications:

- OCT
- Fluorescence spectroscopy and microscopy
- Nanophotonics
- Super-resolution imaging
- Photocurrent microscopy
- IR spectroscopy



Typical Spectrum of SC-PRO

## Specifications :

Model	SC-PRO
Total Power ( Full spectrum )	>6W
Visible Power	>800mW
Power Stability	<1%
Repetition Rate	100kHz-25MHz adjustable ,minimum 100kHz step size
Maximum Pulse Energy	> 1uJ
Wavelength Range	430nm-2400nm
Fundamental Pulse Width	~ 100ps
Beam Diameter and Quality	~2mm@633nm; M <sup>2</sup> <1.1
Beam Divergence (half angle)	<1mrad
State of Polarisation	Unpolarised
Length of Output Fiber	1.5m
Computer Interface	USB
Sync(trigger) Output	SMA NIM pulse
Power Requirements	100-240V 50/60Hz
Dimensions (L*W*H)	360mm*260mm*125mm
Weight	<20kg

### Optional >8W SC-Pro

