

Mode locked Supercontinuum Source SC-OEM-M

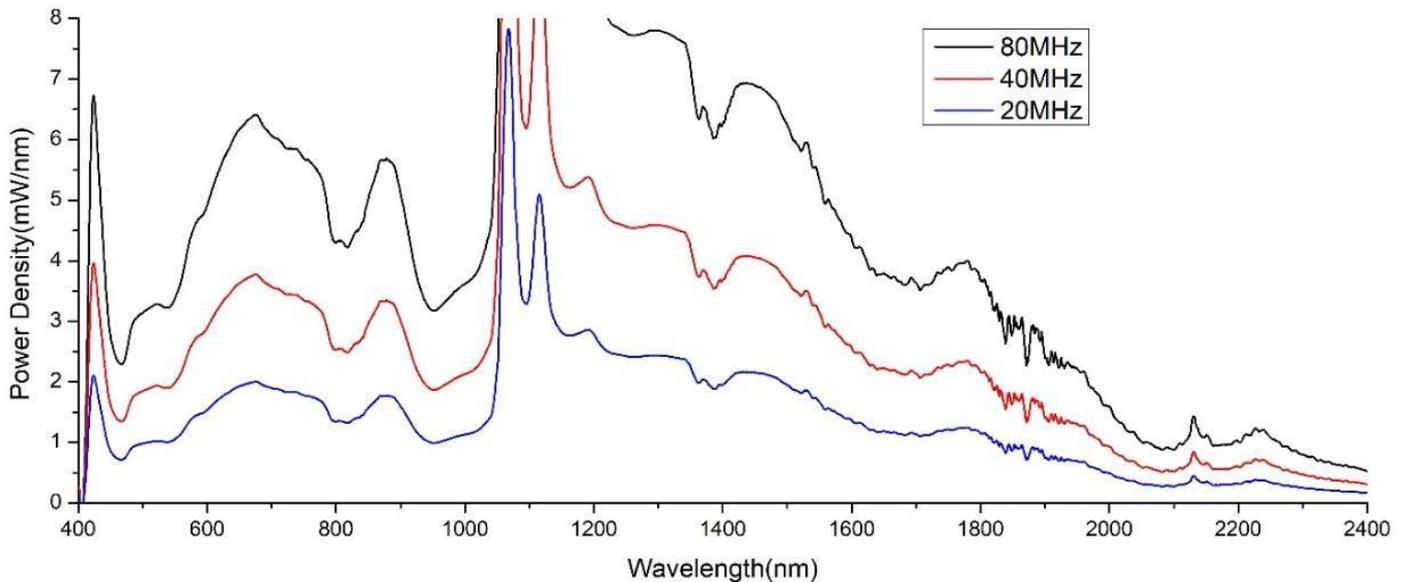
YSL Photonics' SC-OEM-M is the latest supercontinuum source with a seed source pulse duration of 6ps. It delivers a wide spectral output ranging from 410nm to 2400nm with over 7W total power. The optional 10kHz to 80MHz repetition rate capability also makes it an ideal source for the applications such as low noise OCT, fluorescence microscopy, nanophotonics and etc.

Features:

- Wavelength: 410nm-2400nm
- Total power: 7W
- Repetition Rate: 80MHz
- Seed source pulse duration: ~6ps
- Single-Mode Output

Applications:

- OCT
- Fluorescence Spectroscopy and Microscopy
- Nanophotonics
- Super-Resolution Imaging
- Photocurrent microscopy



Specifications:

Model	SC-OEM-M-80-PP	SC-OEM-M-80	SC-OEM-M-40-PP	SC-OEM-M-40
Total Power	>7W	>7W	>3.5W	>3.5W
Repetition Rate	10kHz-80MHz	80MHz	10kHz-40MHz	40MHz
Visible Power	>2W	>2W	>1W	>1W
Wavelength Range	410-2400nm			
Power Stability	<1%			
Fundamental Pulse Width	~6ps			
Beam Diameter and Quality	~2mm@633nm; $M^2 < 1.1$			
Beam Divergence (Half Angle)	<1mrad			
State of Polarization	Unpolarized			
Length of Output Fiber	1.5m			
Computer Interface	USB/RS232			
Sync(trigger) Output (SMA)	TTL Output 0-3.3V NIM Output 0--1V			
Power Requirements	100-240V 50/60Hz			
Dimensions (L*W*H) and Weight	317mm*300mm*127mm, <15kg			

