

Supercontinuum Source SC-OEM

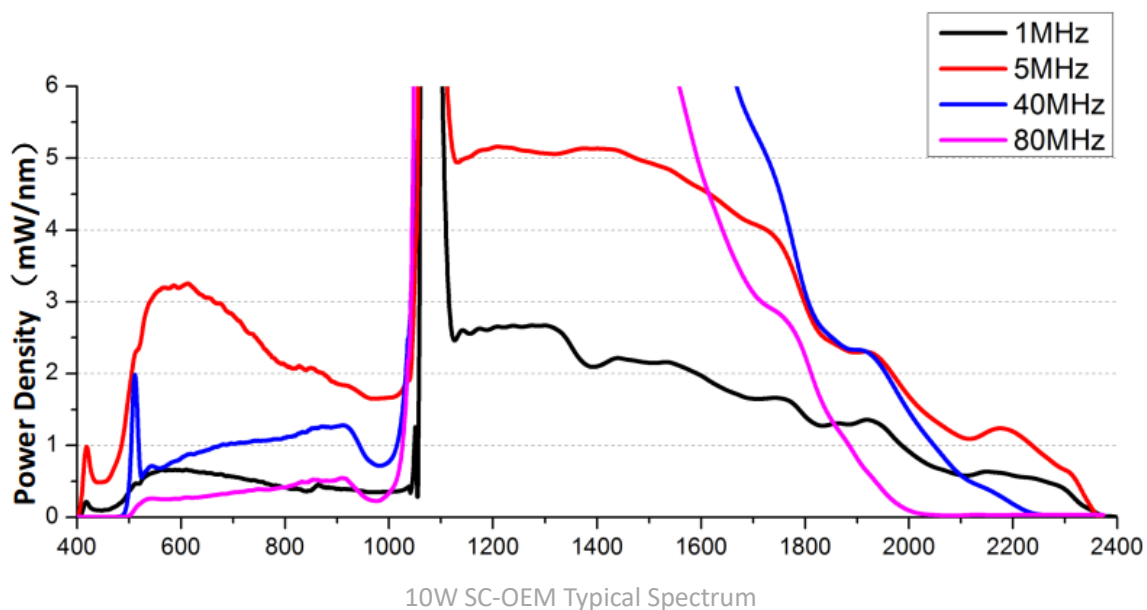
YSL Photonics' SC-OEM is the latest product designed with the compact footprint for the demanding medical and industry application. The SC-OEM, with single-mode fiber output, delivers a wide spectral output ranging from 430nm to 2400nm with up to 10W total power. The SC-OEM not only maintains the traditional supercontinuum light source excellent performance, but also sets aside DB25, RS232, NIM trigger, Pulse on Demand (POD) and many other control interfaces. The wide spectrum combined with laser beam quality makes it an ideal source for replacing traditional broadband source like lamp, LED, SLED or any number of laser lines in the system.

Features:

- Wavelength 430nm-2400nm
- Total Power >10W
- Visible Power >1000mW
- Repetition Rate 0.01-200MHz
- Optional External TTL Triggerable

Applications:

- Semiconductor Inspection & Metrology
- Industrial Sorting/ Machine Vision
- Medical Instrumentation
- Flow Cytometry
- Optical Coherence Tomography



Specifications:

Model	SC-OEM-10	SC-OEM-5
Total Power	>10W	>5W
Visible Power	>1000mW	>500mW
Power Stability	<1%	
Repetition Rate	0.01kHz-200MHz adjustable	
Maximum Pulse Energy	>1 μ J	0.5 μ J
Wavelength Range	430nm-2400nm	
Fundamental Pulse Width	~100 ps	
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)	NIM Output 0--1V TTL Output 0-3.3V	
Power Requirements	100-240V 50/60Hz	
Dimensions (L*W*H)	317*300*127mm	
Weight	<15kg	

