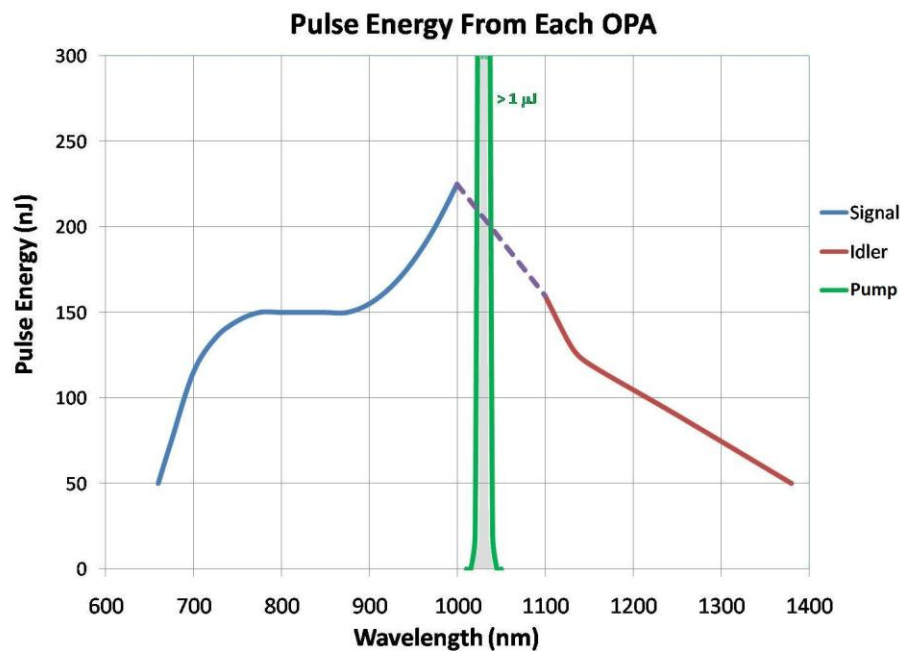


Model cOPA Tunable Ultrafast Source for Microscopy Applications

The Model cOPA consists of two synchronized OPAs in one enclosure pumped by a megahertz repetition rate, fiber-laser oscillator/amplifier system. Each OPA is independently tunable from 700 to 950 nm in the signal range and from 1130 to 1300 nm in the idler range – see pulse energy as a function of wavelength tuning curve below. Residual 1030 nm pump light of > 1 μ J is available from a separate output port. Motorized drives for electronic tuning are included. For additional information please contact sales@cmxr.com.

Preliminary Specifications:

Tuning Range:	Signal Idler	700-950 nm 1130-1300 nm	Notes: > 100 nJ/pulse throughout signal range See graph below
Pulse Energy:	Signal Idler	>100 nJ >80 nJ at peak	
Repetition rate:		1 MHz	200 cm^{-1} to 250 cm^{-1} available at higher power output
Bandwidth		<150 cm^{-1}	
Compressibility		<1.5 x transform limit	
Pulse Energy Noise		<1% rms for f >2 Hz	



Response to date:

"Very impressive!"

"This is a very exciting system considering the higher pulse energy it provides."

"Looks very slick..!"

"...ideal for our CARS microscope."

"... looks very interesting indeed, and I am quite excited about it."

"I would like to set up a quick call as soon as possible to discuss the exciting new system..."

Brought to you by:
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