

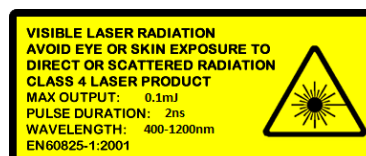
## HIGH REPETITION RATE VISIBLE TUNABLE OPO



The VOPO high repetition rate tuneable visible Optical Parametric Oscillator provides wavelengths from blue to red and beyond to IR with nanosecond pulses (~3ns) at high repetition rates up to kHz frequencies. This wavelength versatile facilitates spectroscopic studies and is particularly targeted at photoacoustic microscopy (OR-PAM). Specific absorptions can now be targeted across the visible spectrum, in particular blood absorptions in the yellow / orange region. Offered as an integrated package of OPO and pump laser in one compact enclosure.

Model Name	VOPO-200-20	VOPO-1000-10
Max. Energy	20 $\mu$ J	10 $\mu$ J
Wavelength	480-650nm	450-670nm
Repetition Rate	200Hz	Up to 1kHz
Pulse Width	~3ns	
Laser Head Size	420mm x 184mm x 104mm	
Power supply	2U high 19 inch rack	
Control	RS232	
Cooling	Air cooled	
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 1000W	

Customized options with other wavelengths (including IR to 2000nm) and higher energies /rep rate available, contact factory for details



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