

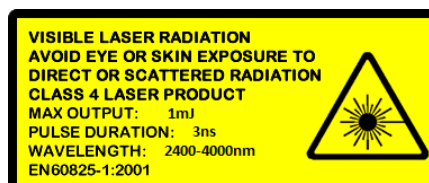
TUNABLE MID INFRARED OPO WITH INTEGRATED PUMP



To extend the options of our pulsed laser systems, Elforlight offers Optical Parametric Oscillator attachments for the FQ and FLP series lasers. 1064nm pumped idler versions produce 3 micron outputs, ideal as replacements for Er:YAG lasers for pioneering MALDI applications. Signal versions around 1700nm also available.

Model Name	OPO-50-500-3000	OPO-1-100-3000
Wavelength	1064nm	
Max. Energy	500uJ	100uJ
Spatial Mode	TEM ₀₀ , M ² <1.4	
Wavelength	2500-4000nm	
Tuning	>50nm within range. Range factory set	
Repetition Rate	Up to 50Hz	Up to 1kHz
Pulse Width	5-10ns	
Beam Diameter	~5mm at output aperture	
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 higher energy and higher rep rate available, contact factory for details



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