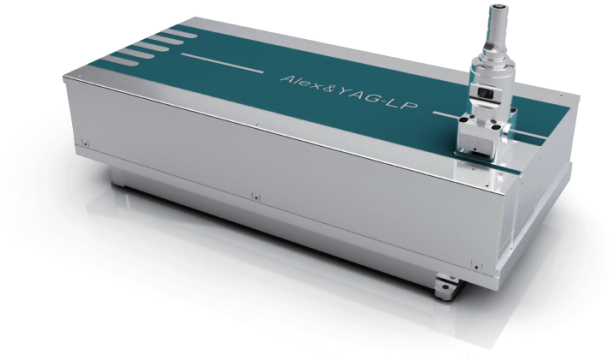
Alex&YAG-LP Series Lasers



Dual-wavelength long-pulse laser

The Alex&YAG-LP is a long-pulse OEM-oriented laser for aesthetic device manufacturers, mainly aiming at the hair removal application. This versatile laser is also ideal for the treatment of vascular lesions and pigmented skin disease.

Alex&YAG-LP features dual wavelengths of 755nm and 1064nm, which are considered to be the gold standard for hair removal of the widest range of skin type (I-VI). Alex&YAG-LP's high pulse energy (50J for 755nm and 80J for 1064nm) and high repetition rate (up to 10Hz) make it a powerful and efficient tool, especially for the treatment of larger areas.

In addition, Alex&YAG-LP offers a matched handpiece (a larger spot-size range from 2mm to 24mm), as well as several other product support solutions, like power supply, optical fiber, cooling system, to accelerate customers' system integration progress.

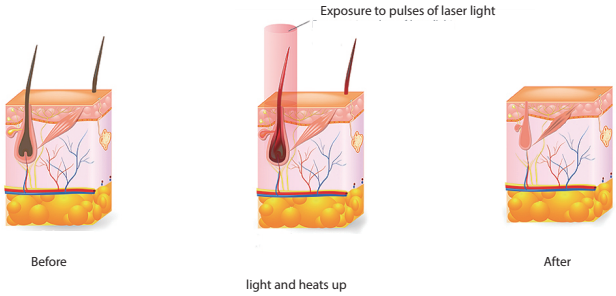
Features

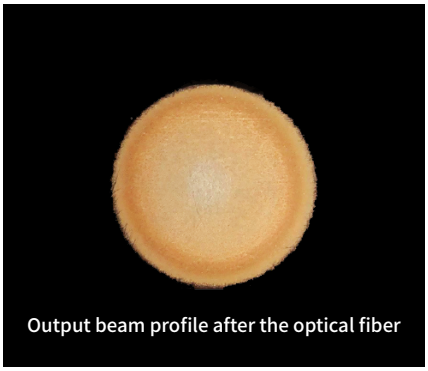
- Dual-wavelength output: 755nm & 1064nm
- High pulse energy: 50J@755nm, 80J@1064nm
- Wide adjustable range of pulse duration: 0.3-300ms
- Repetition rate up to 10Hz
- High stability and reliability
- Matched handpiece solution available

Applications

- Hair removal
- Vascular lesions
- Pigment lesions
- Skin rejuvenation

Laser hair removal process





Output beam profile after the optical fiber

Beamtech

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Specifications

Models	Alex&YAG-LP-50	Alex&YAG-LP-30
Wavelength	755nm & 1064nm (single wavelength optional)	
Output coupling	Optical fiber	
Max pulse energy (after fiber)	50J@755nm, 80J@1064nm	30J@755nm, 60J@1064nm
Energy stability (RMS)	≤5%@755nm, ≤3%@1064nm	
Repetition rate	0.3-10Hz	
Pulse duration	0.3-300ms	
Power consumption	≤3000W	
Required cooling capacity	>1500W	
Warm-up time	<5min	
Cooling type	Air to water, heater not required	

Dimensions