

FemtoYL-Vary

FemtoYL-Vary is the latest industry femtosecond green laser that based on fiber CPA technology. It can choose the wavelength of 1030nm(IR), 515nm(green) and 343nm(UV) by computer software with a average power of 20W(IR), 8W(green) and 3W(UV). FemtoYL-Green has a variable pulse duration from 300fs to 10ps and a repetition rate of 25kHz-5MHz .FemtoYL-Green can provide stable 24*7 operation with a convenient maintenance, it is the best solution for preparation of OLED screen, two photon polymerization and the semiconductor industry.



Features:

- Average power: 20W@1030nm
- Pulse duration: 300fs-10ps
- Repetition rate: 1Hz~5MHz
- PSO/POD function

Applications:

- OLED screen cutting
- two photon polymerization
- Semiconductor cutting/scribing
- Micro processing of material

Specifications:

Model	FemtoYL-Vary
Central Wavelength	1030nm, 515nm, 343nm
Average Power	20W@1030nm; 8W@515nm; 3W@343nm
Repetition Rate	1Hz-5MHz
Power Stability	<1%
Pulse Duration	300fs-10ps variable
Beam Diameter	~3mm@1030nm (1m from output aperture)
Beam Divergence (Full Angle)	<2mrad (Defined by ISO-11146-1)
State of Polarization	Linear polarized(S)
Sync Output	SMA TTL pulse
Control	RS232
Power Requirements	AC 100V-240V 50/60Hz Rated output > 960W
Dimensions (L*W*H)	960mm*480mm*212mm

