

FemtoYL-15

YSL Photonics' FemtoYL-15 is the latest 15W high power femtosecond fiber laser. It can deliver over 15W average power, ~400fs-6ps variable pulse width and 20 μ J pulse energy, making it an ideal laser for micromachining application.

Features:

- Average Power >15W
- Pulse Duration ~400fs-6ps
- Repetition Rate 25-5000kHz
- Pulse Energy >20 μ J
- Burst Pulse Combination Energy >100 μ J
- Number of Burst : 1-10

Applications:

- Glass Welding
- Refractive Index Modification
- Two Photon Polymerization
- Thin Film Material Cutting & Drilling
- Biochips Manufacturing
- Medical Device Manufacturing



Specifications :

Model	FemtoYL-15
Center Wavelength	1035nm
Total power	>15W
Repetition Rate	25-5000kHz
Power Stability	<2%
Pulse Energy	>20μJ
Burst Pulse Combination Energy	>100μJ
Pulse Width	~400fs (Optional 400fs-6ps adjustable)
Beam Diameter	~2mm
Beam Divergence	<2mrad
State of Polarization	Linear polarized
Sync(trigger) Output	SMA TTL pulse
Power Requirements	AC 100V-240V 50/60Hz Rated output > 960W
Dimensions (L*W*H)	680mm*480mm*212mm
Control	RS232 or DB25

Optional 515nm Output

