

## FemtoYL-20

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

### Features:

- Average Power >20W
- Pulse Duration ~400fs-6ps
- Repetition Rate 25-5000kHz
- Pulse Energy >20uJ
- $M^2 < 1.3$
- Burst Mode Function

### Applications:

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



## Specifications :

Model	FemtoYL-20
Center Wavelength	1030nm
Total power	>20W
Repetition Rate	25-5000kHz
Power Stability	<2%
Pulse Energy	>20uJ
Peak Power	50MW
Pulse Width	~400fs ( Optional 400fs-6ps adjustable )
Photo Response	<5us
Beam Quality	$M^2 < 1.3$
Beam Diameter	2mm
Beam Divergence	<2mrad
State of Polarisation	Linear polarized
Sync(trigger) Output	SMA NIM pulse
Power Requirements	DC24V/8A
Dimensions (L*W*H)	767x560x230mm
Control	RS232 or DB25

### Optional 515nm Output

