

## FemtoYL-20

YSL Photonics' FemtoYL-20 is the latest 20W high power femtosecond fiber laser. It can deliver over 20W average power, ~400fs-8ps variable pulse width and 40 $\mu$ J pulse energy, making it an ideal laser for micromachining application.

### Features:

- Average Power >20W
- Pulse Duration ~400fs-8ps
- Repetition Rate 1Hz-5MHz
- Pulse Energy >40 $\mu$ J
- Burst Pulse Combination Energy >120 $\mu$ 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-20
Central Wavelength	1035nm
Power	>20W
Repetition Rate	1Hz-5MHz adjustable
Power Stability	<1%
Pulse Energy	>40μJ
Number of Burst Pulse	1-10
Burst Pulse Combination Energy	>120μJ
Pulse Width	400fs~8ps adjustable
Beam Diameter	~3mm
Beam Divergence	<2mrad
State of Polarization	Linear Polarization ( S )
Sync(trigger) Output	SMA TTL
Control Mode	RS232 or DB25
Power Requirement	AC 100V-240V 50/60Hz Rated output > 960W
Dimension	680mm*480mm*212mm

## Optional 515nm Output

