

## FemtoYL-1000/500

YSL Photonics' FemtoYL-1000 is the latest 1000W high power femtosecond fiber laser. It can deliver a ~500fs pulse width and 1GHz repetition rate, making it an ideal laser for high frequency laser application.



### Features:

- Average Power  $\geq 1000\text{W}$
- Pulse Duration ~500fs
- Repetition Rate 1GHz

### Applications:

- Composite machining
- High capacity industrial machining
- 3D printing

**Specifications:**

<b>Model</b>	<b>FemtoYL-1000/500</b>
Central Wavelength	~1064nm
Power	≥1000W/500W
Repetition Rate	1±0.1GHz/0.5±0.1GHz
Power Stability	<1%
Pulse Width	~500fs
Beam Quality	M <sup>2</sup> <1.3
Beam Diameter	~5mm (1m from output aperture)
Beam Divergence (Full Angle)	<2mrad (Defined by ISO-11146-1)
Sync(trigger) Output	SMA TTL
Control Mode	RS232 or DB25
Power Requirement	AC 100V-240V 50/60Hz Rated output>4000W
Dimension	800mm*450mm*130mm

