

## FemtoEYL-1550nm-3

FemtoEYL-1550nm-3 is the latest femtosecond laser based on fiber CPA technology, which can be used in frontier research. It offers a special wavelength of  $\sim 1550\text{nm}$ , a maximum power of 3W, a pulse width of  $\sim 100\text{fs}$  and a high repetition frequency of 40MHz. Besides, FemtoEYL-1550nm-3 has good pattern of light spot, high stability of pulse energy, thus can be used in biomedicine and material analysis.



### Features:

- Average power:  $\sim 3\text{W}$
- Pulse duration:  $\sim 100\text{fs}$
- Peak power: 40MHz

### Applications:

- Semiconductor processing
- Biomedical research
- material analysis

## Specifications:

Model	FemtoEYL-1550nm-3
Average Power	~3W
Central Wavelength	1550nm
Repetition Rate	40MHz
Power Stability	<1%
Pulse Duration	~100fs
Beam Diameter	~2mm (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)	680mm*410mm*131mm

