

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	~3mm
Beam Divergence	<2mrad
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*480mm*212mm

