

FemtoNL-920nm-1

FemtoNL-920nm-1 is the latest femtosecond laser based on fiber CPA technology, which can be used in frontier research. It offers a special wavelength of $\sim 920\text{nm}$, a maximum power of 1W , a pulse width of $\sim 200\text{fs}$ and a high repetition frequency of 40MHz . Besides, FemtoNL-920nm-1 has good pattern of light spot, high stability of pulse energy, thus can be used in multi-photon imaging, biomedicine and material analysis.



Features:

- Average power: $\sim 1\text{W}$
- Pulse duration: $\sim 200\text{fs}$
- Peak power: 40MHz

Applications:

- Multi-photon imaging
- Biomedical research
- Material analysis

Specifications:

Model	FemtoNL-920nm-1
Average Power	~1W
Central Wavelength	~920nm
Repetition Rate	40MHz
Power Stability	<1%
Pulse Duration	~200fs
Beam Diameter	~3mm
Beam Divergence	<2mrad
State of Polarization	Linear polarized(S)
Sync Output	SMA TTL pulse
Control	RS232 or DB25
Power Requirements	AC 100V-240V 50/60Hz Rated output > 960W
Dimensions (L*W*H)	680mm*480mm*212mm

