

2um飞秒激光器

昊量光电专业提供2um飞秒激光器。Basic2系列2um飞秒激光器采用全光纤设计，保证了这款飞秒激光器极高的可靠性。输出中心波长为1910nm及2070nm，脉宽小于<150fs，平均功率可达200mW，单横模输出。是一款高性价比2um亚皮秒激光器。

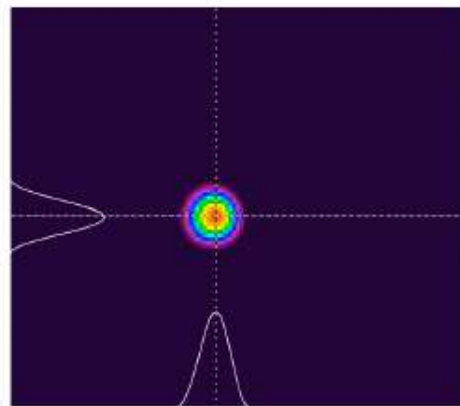
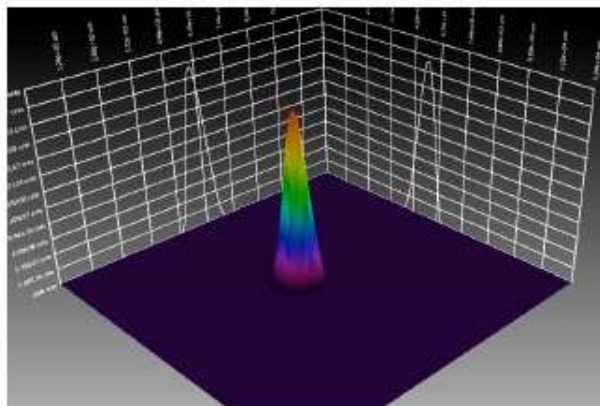
主要应用：

种子源
器件测试
中红外非线性光学
超连续激光产生
光谱学

主要特点：

超高性价比
峰值功率可达20kW
全光纤设计
光束质量好

Operating wavelength	1910 - 1940 nm	2070 nm
Output power	200 mW*	50 mW
Repetition rate	20 MHz	20 MHz
Pulse width (transform limited)	< 150 fs	< 120 fs **
Power stability (in the stability area)	> 99 %	> 95 %
Spatial beam quality	TEM ₀₀	TEM ₀₀
State of polarization	unpolarized	unpolarized



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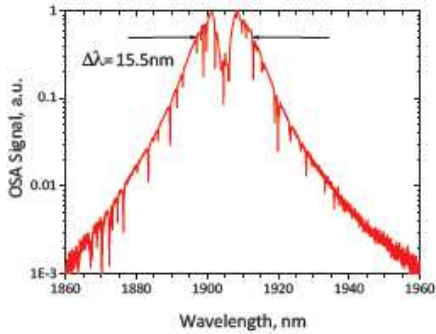
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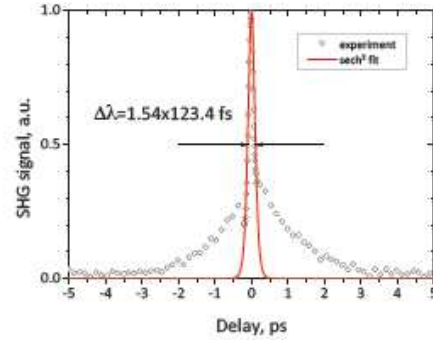
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Spectral and autocorrelation measurements

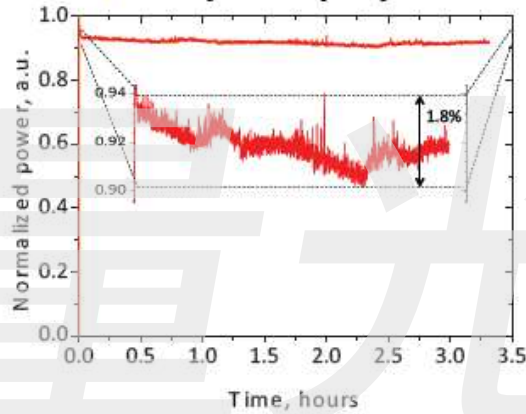


Normalized spectrum at maximum power



Autocorrelation trace at maximum power

Stability of output power



Normalized output power as a function of time

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