Griffin™ - Ultrafast Ti:sapphire oscillator series

Tunability and flexibility in customizable configurations to optimize your specific experiment

Applications

- Frequency conversion into the UV and mid-IR
- Pumping OPOs
- Materials Research
- Femtochemistry
- Spectroscopy
- THz Generation
- Ultrafast Imaging
- 2-photon polymerization
- Pump-probe experiments

Features

- Average powers up to >1.4W
- Maximum pulse energy >15 nJ
- Configurable repetition rates from 75-102 MHz
- Configurable power
- Computer control of the center wavelength and bandwidth of the oscillator spectrum
- Computer controlled pulse duration
- < 12fs standard with < 10fs option
- Excellent beam quality: M^2 typically < 1.2
- One-box configuration with integrated pumps
- Repetition-rate lock option (Halcyon™)
- CEP-stabilized option
- Graphical, intuitive software control with integrated diagnostics
- Custom configurations available

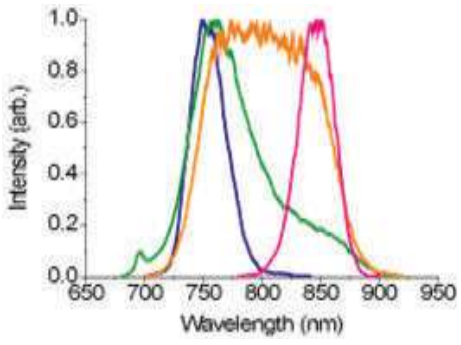
The Griffin™ series is KMLabs' family of tunable ultrashort-pulsed ti:sapphire-based oscillators. It is a fully engineered and integrated commercial source based on a single rugged opto-mechanical platform.

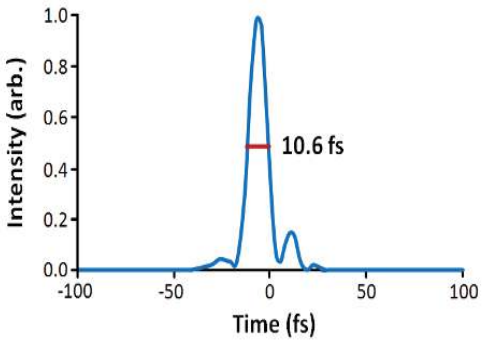
Tailor the laser output to the optimum for your experiment.

Griffin™ Unique Features

- Computer-controlled tuning of center wavelength
- Computer-controlled tuning of spectral bandwidth
- Ultrashort sub-12fs pulses

Griffin™ Tunability and Pulse Duration





KMLABS™ inc. LEADING IN ULTRAFAST

Contact us for full specifications or with questions

kmlabs.com • 303-544-9068 • 4775 Walnut St., Suite 102 • Boulder, CO 80301