

# Stryde™ - Ultrafast Ti:sapphire oscillator



The next generation of engineered reliability:  
closed-box and hands-free

## Applications

- Ultrafast amplifier seeding
- Frequency conversion UV to mid-IR
- Pumping OPOs
- Materials Research
- Femtochemistry
- Spectroscopy
- THz Generation
- Ultrafast Imaging
- 2-photon polymerization
- Pump-probe experiments
- Optical coherence tomography

## Features

- Average powers up to > 500 mW
- Maximum pulse energy > 6 nJ
- Computer control of the center wavelength and bandwidth of the oscillator spectrum
- Computer controlled pulse duration
- < 12 fs standard with < 10 fs option
- Excellent beam quality:  $M^2$  typically < 1.2
- One-box configuration with integrated pumps
- Graphical, intuitive software control with integrated diagnostics
- Custom configurations available

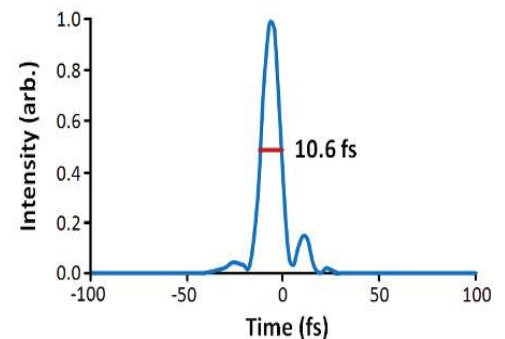
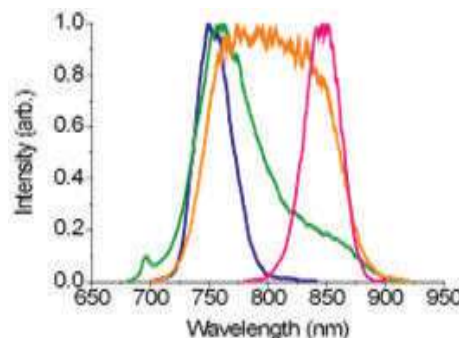


The **Stryde™** is KMLabs' tunable ultrashort-pulsed ti:sapphire-based oscillator. It is a fully engineered and integrated commercial source based on a single rugged opto-mechanical platform.

### Stryde™ Unique Features

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

### Stryde™ Tunability and Pulse Duration



*Contact us for full specifications or with questions*