## Stryde<sup>™</sup> - Ultrafast Ti:sapphire oscillator



### **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<sup>2</sup> typically < 1.2
- One-box configuration with integrated pumps
- Graphical, intuitive software control with integrated diagnostics
- Custom configurations available



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

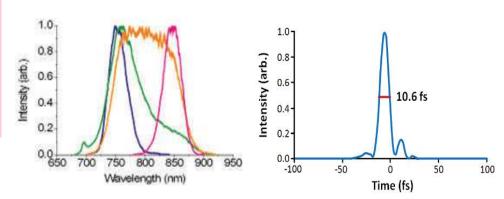


The **Stryde**<sup>™</sup> is KMLabs' tunable ultrashort-pulsed ti:sapphire-based oscillator. It is a fully engineered and integrated commercial source based on a single rugged opto-mechanical platform.

#### 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