

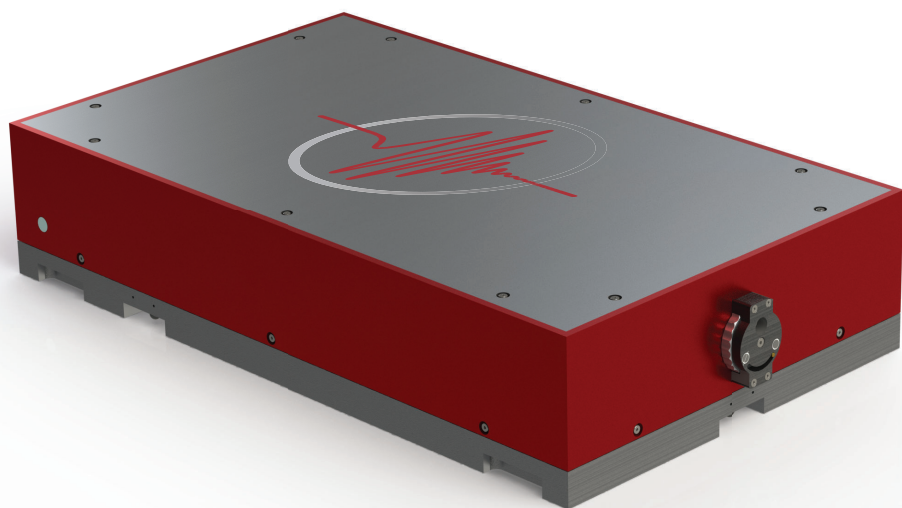
Stryde - ultrafast Ti:sapphire oscillator



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

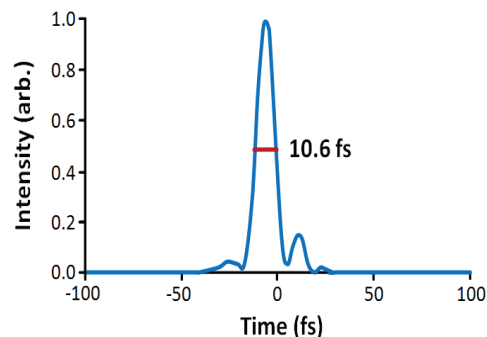
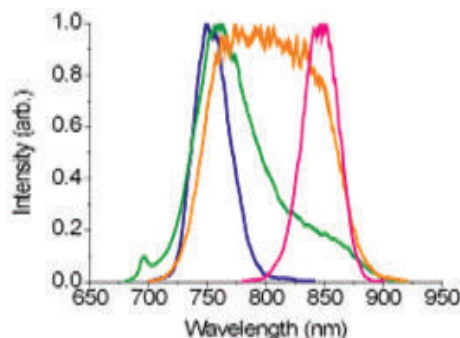
- Average powers up to > 500 mW
- Maximum pulse energy > 6 nJ
- Computer control of the center wavelength and bandwidth of the oscillator spectrum
- Computer controlled pulse duration
- < 12 fs standard with < 10 fs option
- Excellent beam quality: M^2 typically < 1.2
- One-box configuration with integrated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

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

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