

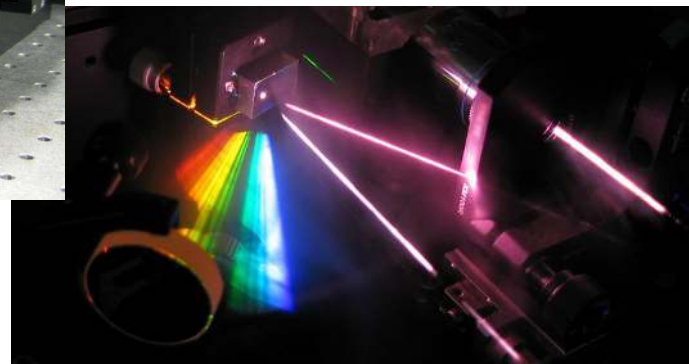
Unmatched value, versatility, and performance

The LEGACY of known performance...

- Modelocked, < 15fs, 760 – 830nm
- Introduce students to cutting edge technology
- Lowest introduction price-point to ultrafast oscillators while maintaining the highest quality

Applications include

*Student Education
Educational Laser Labs
Spectroscopy
Pump-Probe
Microscopy
Terahertz*



Our newest version of KMLabs first Ti:sapphire oscillator product used in laboratories around the world

Specifications

Customer-Assembled Ti:sapphire Lasers for Ultrafast Educators	Collegiate <i>Customer-supplied pump laser</i>	Collegiate-5 <i>500mW 5.2nJ Output</i>
Minimum Pulse Duration:	Requires customer-supplied pump laser.	< 15 fs (780-810 nm)
Wavelength Center:		< 25 fs (760-830 nm)
Average Power [Energy]*:	Refer to column on right for specifications based on a 5W pump laser.	760-830 nm
Repetition Rate:		> 500 mW [5.2 nJ]
Pump Laser:	Pump Laser not included	5W pump laser, mounted externally on customer's table
Standard Configuration	Includes: Pre-aligned rail assembly, crystal, optics set, mounts, enclosure, manually adjusted prisms, pump steering, fast photodiode	
Optional Electronics Package:	Includes: Laptop control computer, motorized prisms and tuning slit with motor controller, amplified RF pulsetrain outputs	
Optional Diagnostics Package:	Includes: Spectrometer, pickoff window, power monitor	
Breadboard:	No Breadboard - Customer-Assembled on optical table	

*For 95MHz repetition rate

Ideal for undergraduate and graduate courses, and teaching laser laboratories

Highest Performance / Lowest cost system of its type



More information at www.kmlabs.com/content/collegiate