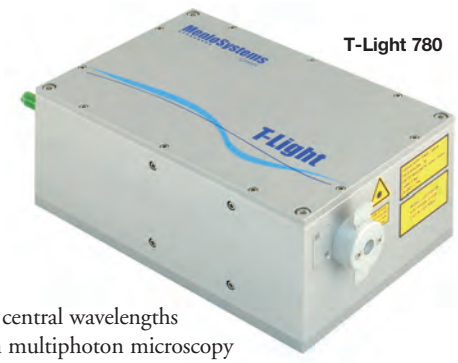
T-Light: 780 nm and 1560 nm Femtosecond Fiber Lasers

Features

- Compact Design: 239 mm x 151 mm x 96 mm
- Truly Turnkey Operation by Self-Starting Mode-Locking Mechanism
- Free-Space or Fiber-Coupled Output
- Long Lifetime
- Excellent Price/Performance Ratio

Applications

- Amplifier Seeding
- Ultrafast Spectroscopy
- Material Characterization
- Microfabrication
- Bioimaging
- THz Physics

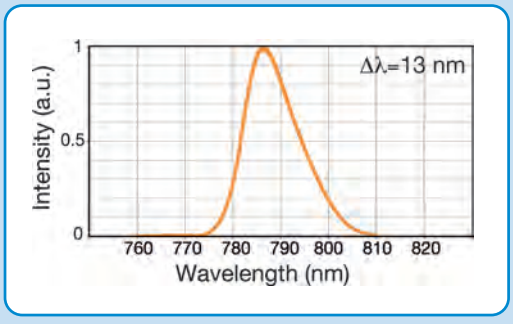


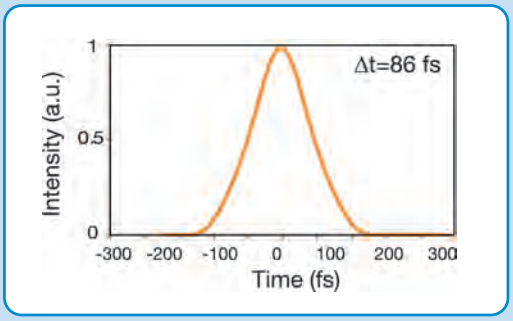
T-Light 780

The T-Light Series of robust turn-key femtosecond fiber lasers, which are available with central wavelengths of 780 nm or 1560 nm, offer exceptional performance for a variety of applications from multiphoton microscopy to micro-material processing.

With their 24/7 operation cycle, these fiber lasers are ideal for OEM integration. Our T-Light laser is the best choice if you need a compact and cost-effective solution.

T-Light 780 Spectrum and Pulse Width





Specifications

	T-Light 780	T-Light
Wavelength	780 ± 10 nm	1560 ± 20 nm
Average Output Power	>65 mW	>150 mW
Pulse Width	<100 fs	<90 fs
Compressed Pulse Width	<70 fs*	N/A
Spectral Width	>12 nm	>40 nm
Repetition Rate	100 ± 1 MHz	
Repetition Rate Instability	<1 ppm	
Output Port – Standard	Free Space, Linearly Polarized	
Beam Height	60 mm	
Output Port – Optional Configuration	N/A	Fiber-Coupled FC/APC**

* T-Femtoscale Pulse Compressor Unit.
** Two Fiber-Coupled Output Ports, FC/APC, PM Fiber, Linearly Polarized. Total Average Power >100 mW, Pulse Length <90 fs (After 1 m Patch Cord). Power Ratio Between the Two Ports is Tunable.

The scientific lasers of the C-Fiber and M-Fiber series are also available with an added second harmonic generation stage. Please call for more details or visit www.menlosystems.com.

ITEM#	$	£	€	RMB	DESCRIPTION
T-Light 780	Call For Pricing				fs Fiber Laser, >65 mW @ 780 nm
T-Light	Call For Pricing				fs Fiber Laser, >150 mW @ 1560 nm
T-Femtoscale	Call For Pricing				Pulse Compressor Unit for Pulse Length <70 fs, Transmission 90%

For local and updated pricing, please call Menlo Systems, Inc. in North America 973-300-4490, Menlo Systems GmbH in Europe +49-89-189-1660, or Thorlabs Japan, Inc. in Asia +81-3-5979-8889, or email sales@menlosystems.com.