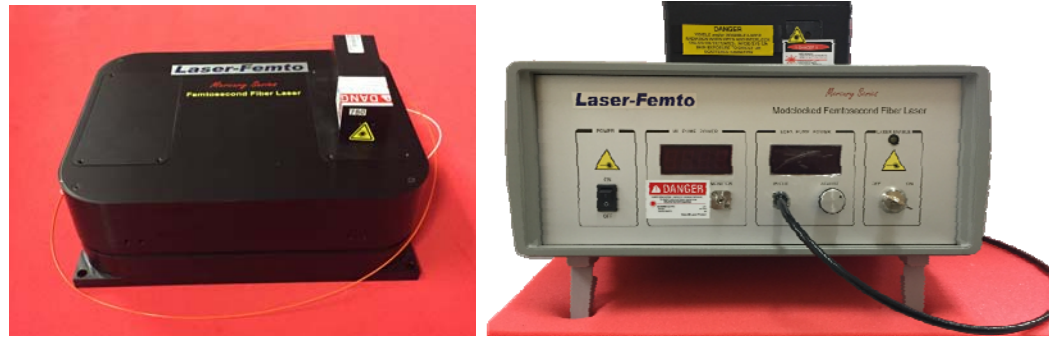


# 780 nm Femtosecond Fiber Laser

- All Fiber solutions (other than SHG)
- 500 mW
- Long Life Time (>100 Khr)
- Minimal Maintenance
- Excellent Beam Quality
- 770-810 nm
- Optical and electrical triggers
- Compact module



Pump driver is included.

## Mercury 780 nm Laser System Specifications

<b>Pulse Energy (Maximum)</b>	10 nJ
<b>Average Power</b>	50-500 mW
<b>Pulse Width</b>	50-200 fs
<b>Pulse Repetition Rate</b>	30-100 MHz
<b>Wavelength</b>	770-810 nm
<b>Beam Quality</b>	$M^2 < 1.3$
<b>Beam Size</b>	2-4 mm
<b>Output Electrical Trigger</b>	TTL
<b>Control Software / Interface</b>	GUI / RS232
<b>Module dimension</b>	200 x 160 x 70 mm (L x W x H)
<b>Main Chassis Dimension</b>	430 x 130 x 560 mm (L x W x D)
<b>SHG Dimension</b>	66 x 20 x 25.5 mm (L x W x H)
<b>Maximum Power Consumption</b>	20 W
<b>Cooling</b>	Air or water

Laser-Femto, Inc.  
2526 Qume Drive, Suite 18  
San Jose, CA 95131  
Tel: 1 408 573 0931  
Fax: 1 408 573 0932

[www.laser-femto.com](http://www.laser-femto.com)

[sales@laser-femto.com](mailto:sales@laser-femto.com)

Laser-Femto