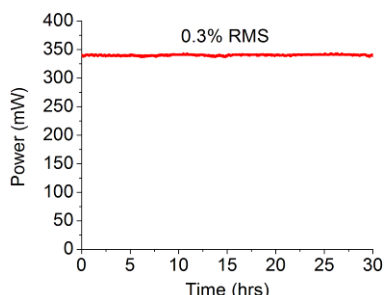
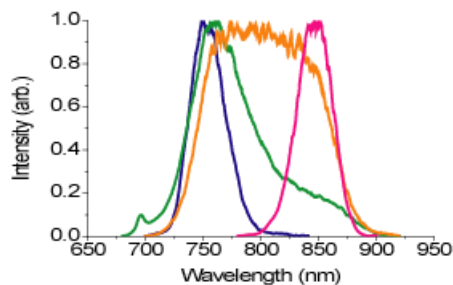


*Ti:sapphire ultrafast laser oscillator
robust, sealed-box system with computerized tuning*

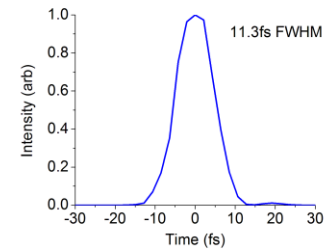
- *< 12 fs pulses, >70 nm bandwidth @ 800 nm*
- *Permanently sealed and aligned*
- *Integrated pump laser, spectrometer, and power monitor*
- *Software tuning of spectral bandwidth and center wavelength*
- *Temperature stabilized enclosure*
- *Several output power options to fit your budget and needs*



Swift-3 Power Stability



Wavelength and bandwidth control



Swift pulse compressed to 11.3fs (FROG)

*Spectroscopy • Microscopy • Terahertz • OCT
Harmonic Generation • Amplifier Seeding • Continuum Generation*

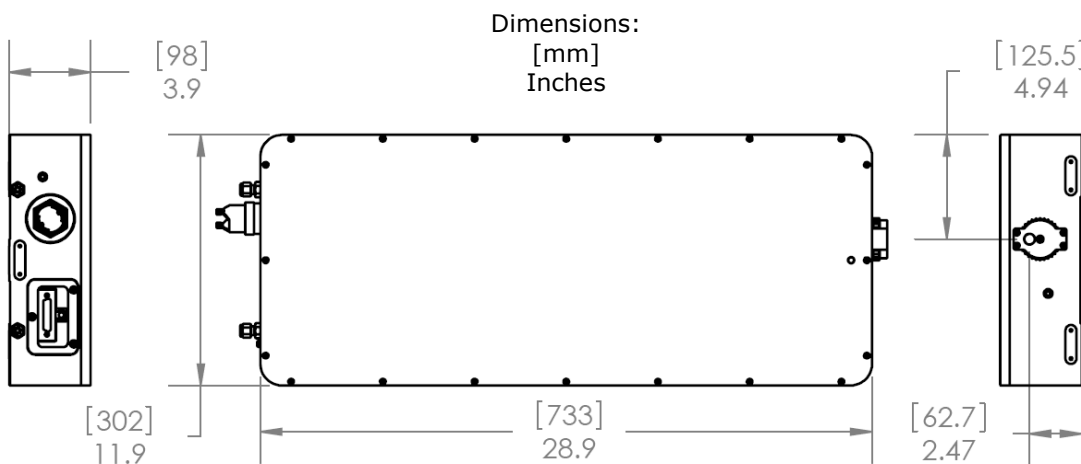
Kapteyn–Murnane Laboratories, Inc.™

USA: 1855 South 57th Court, Boulder, CO 80301 □ Tel: 303-544-9068 □ Fax: 419-821-2284 □ www.kmlabs.com
 China: 86 10 82800851 France: 33 (0) 1 41906180 Germany/Austria: 081 91 985199 0 India: 91 22 27801176
 Japan: 81 3(3686)4711 Singapore: (65) 6746 8068 South Korea: 042 823 5300 UK: 44 01295 672500

*Ti:sapphire ultrafast laser oscillator
robust, sealed-box system with computerized tuning*

Specifications

	Swift-3	Swift-5	Swift-7	Swift-10
	250mW 3.3nJ Output	550mW 7.2nJ Output	750mW 9.9nJ Output	900mW 12.0nJ Output
Pulse Duration:	Sub-12fs (center wavelength not tunable)			
	Sub-15fs (when centered between 780-810nm)			
	Sub-25fs (when centered between 750-840nm)			
Center Wavelength:	750-840nm, with options for 700-900nm			
Bandwidth at 800nm:	>70nm FWHM			
Avg. Power, 70nm FWHM [Energy]:	Up to 250mW [3.3nJ]	Up to 550mW [7.2nJ]	Up to 750mW [9.9nJ]	Up to 900mW [12nJ]
Avg. Power, >70nm FWHM [Energy]:	Up to 200mW [2.6nJ]	Up to 450mW [5.9nJ]	Up to 650mW [8.6nJ]	Up to 750mW [9.9nJ]
Repetition Rate:	76 MHz			
Power Stability:	< 1% RMS over 8h after 0.5h warmup			
Pump Laser:	Integrated 3W pump	Integrated 5W pump	Integrated 7W pump	Integrated 10W pump



Kapteyn-Murnane Laboratories, Inc.™

USA: 1855 South 57th Court, Boulder, CO 80301 ☐ Tel: 303-544-9068 ☐ Fax: 419-821-2284 ☐ www.kmlabs.com
 China: 86 10 82800851 France: 33 (0) 1 41906180 Germany/Austria: 081 91 985199 0 India: 91 22 27801176
 Japan: 81 3(3686)4711 Singapore: (65) 6746 8068 South Korea: 042 823 5300 UK: 44 01295 672500