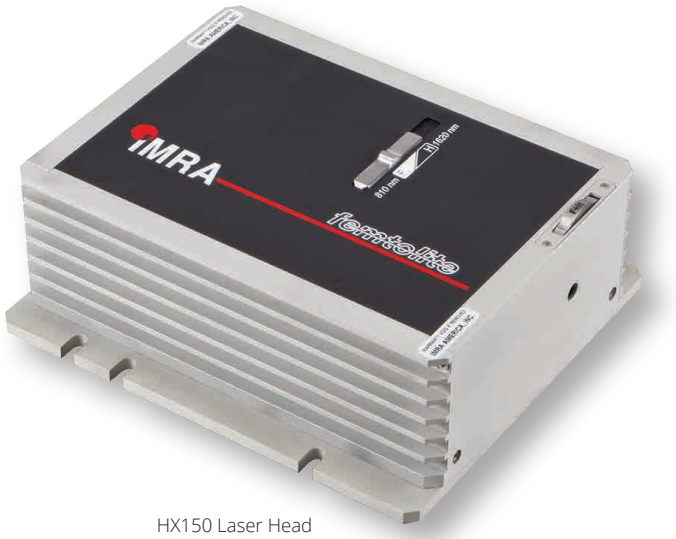
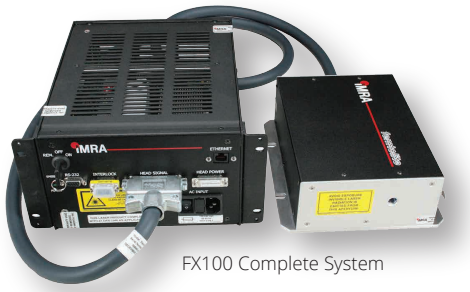
FEMTOLITE F/G/H Series

Product Features

- HX-150 model offers adjustable power at dual wavelengths
- Compact and robust design for easy integration
- Simple on/off operation by control panel or RS-232 interface
- Mechanical reliability complies with relevant MIL-STD-810F and IEC 60601-1 requirements



HX150 Laser Head



FX100 Complete System

Applications

- Multiphoton Fluorescence Microscopy
- Second Harmonic Imaging
- Terahertz Wave Generation/Detection

Typical Configurations

	FX100	FX150	GX200	HX150	
Wavelength	805 nm	810 nm	1620 nm	810 nm & 1620 nm	
Average Power	≥ 100 mW	≥ 150 mW	≥ 200 mW	≥ 150 mW*	≥ 200 mW*
Pulse Duration	≤ 120 fs	≤ 140 fs	≤ 100 fs	≤ 140 fs	≤ 100 fs
Repetition Rate	75 ± 10 MHz				

*At maximum setting

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The Femtosecond Fiber Laser Company

F/G/H Specifications				
	FX100 (805 nm)	FX150 (810 nm)	HX150 (810 nm &1620 nm*)	GX200 (1620 nm)
Polarization	Vertical with respect to baseplate			Horizontal*
Power Stability	≤ 1% RMS after stabilization at 25 ˚C			
Laser Head Dimensions	230 x 193 x 76 mm^3			
Output Aperture Height	43 mm			
Laser Head Weight	2 kg		3 kg	2 kg
Head Heat Dissipation	< 50 W			
Controller Dimensions	267 x 267 x 133 mm^3			
Controller Weight	3.5 kg			
Power Consumption	< 250 W			
Operating Voltage	100-240 VAC at 50-60 Hz			
Operating Temperature	20 - 30 ºC			
Storage Temperature	0 - 50 ºC			
Warm-up Time	≤ 15 minutes			
Cable Length	2 m			

*For HX150 at maximum setting only

FX100, FX150 Warning Label

GX200 Warning Label

HX150 Warning Label

NOTE: Specifications and features may change without notice

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