WE LASER
THE NEW INDUSTRY

FYLA SCH

SCH is an ideal compact and robust white laser for two-photon, SHG microscopy, and a variety of other non-linear processing and spectroscopy applications. A cost-effective, maintenance-free femtosecond laser source with best-in-class performance.

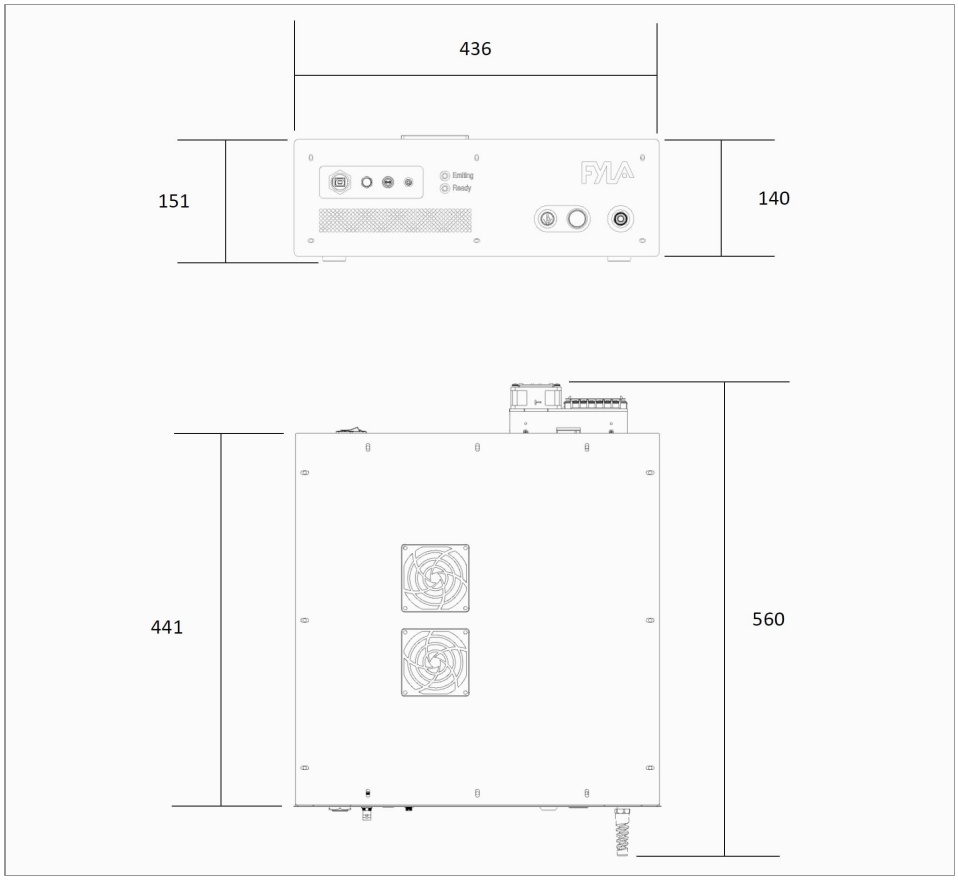
FYLA SCH Specifications	
Total Power	>250 mW

FYLA SCH Specifications	
Fundamental Pulsewidth	15-1000 fs
Spectral Range	950-1150 nm
Repetition Rate	75 MHz
Full Spectrum Power Stability	<0.5% over 3 h
Output Polarization	Unpolarized
Output Fiber / Length	Fiber or with dispersion compensation module - free space
Optical Output	Collimated, single-mode across full spectrum
Beam Diameter	2.4 mm ($1/e^2$ at 1064 nm)
M2 Parameter	<1.2 Fundamental Gaussian
Cooling	Conductive
Power Requirements	220/110V 50-60 Hz
Displayed Parameters (Controlled)	N/A
Control Modes	N/A
Operating Temperatures	20 - 30 °C

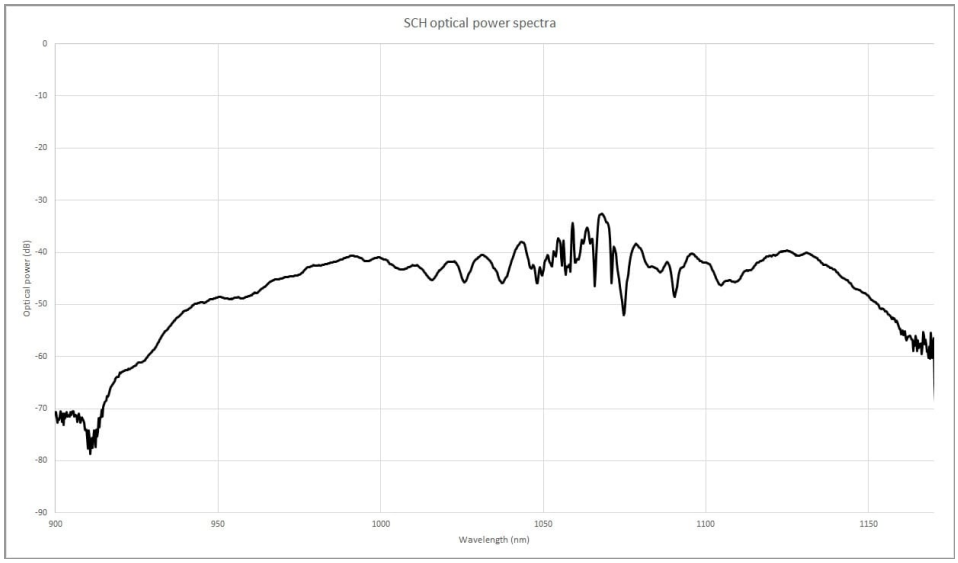
This product is a Class 3B laser

FYLA SCH Specifications	
Storage Temperature	0 - 60 ºC
Dimensions (mm)	436x560x151 mm (WxDxH)
Dispersion Pre-Compensation	-4000 fs^2 to +2500 fs^2
Optical Peak Power	> 100 kW

Specifications are subject to change without notice*



Dimensions in mm



SCH optical spectrum

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