

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



FYLA SCH Specifications

Total Power >250 mW

Fundamental
Pulsewidth 15-1000 fs



FYLA SCH Specifications

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
Storage Temperature	0 - 60 °C

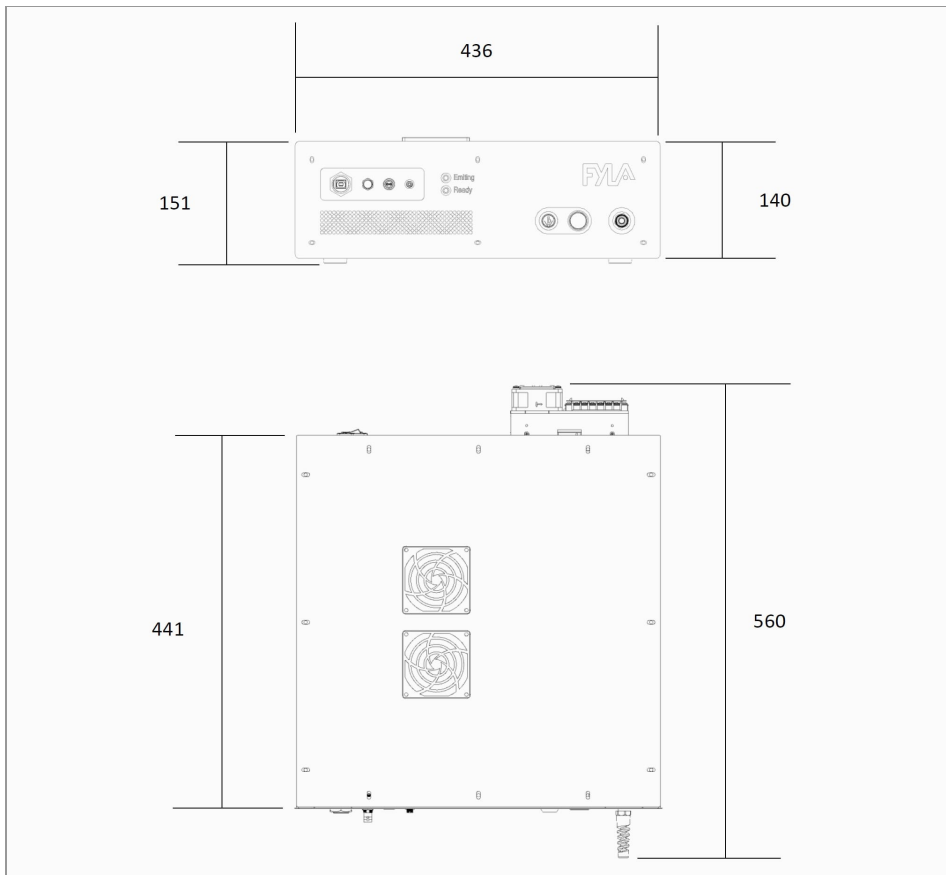
FYLA SCH Specifications

Dimensions (mm) 436x560x151 mm (WxDxH)

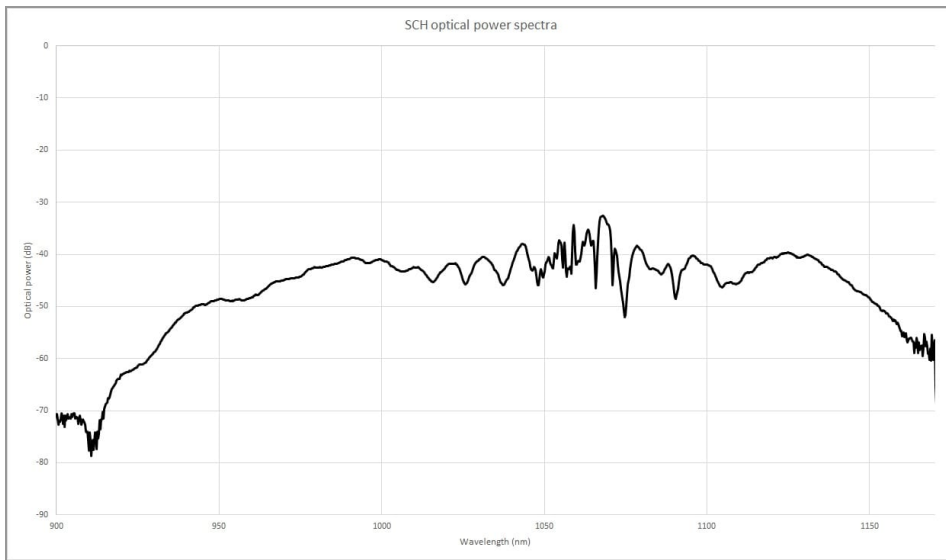
Dispersion Pre-Compensation -4000 fs^2 to $+2500 \text{ fs}^2$

Optical Peak Power $> 100 \text{ kW}$

Specifications are subject to change without notice*



Dimensions in mm



SCH optical spectrum



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