

SCRAT SERIES

Tunable and pulsed fiber laser

Key features:



Tunable wavelength in IR



CW, pulsed regime available upon request



Multistage fiber amplifier from 20 mW to > 30 W



Compact, turn key system

SCRAT product range integrates our unique fiber laser architecture that allows wavelength tunability in the near infrared. Pulsed regime is also available upon request.

SCRAT fiber laser will fit perfectly any scientific application that requires wavelength tunability, high power and small footprint.

Typical applications:

- Advanced microscopy
- Spectroscopy
- Bio-photonics
- Nonlinear optics



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Specifications

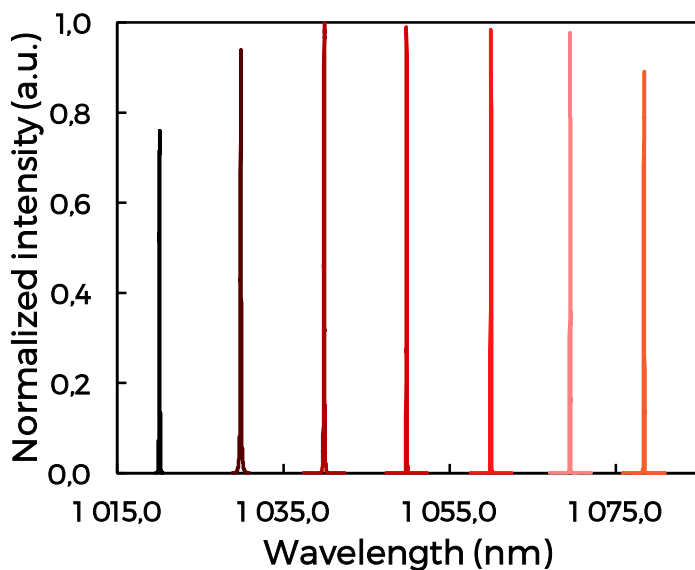
	SCRAT S	SCRAT M	SCRAT L	SCRAT XL
Central Wavelength*	from 1020 nm to 1080 nm			
Avg. Output Power**	20 mW	1 W	10 W	> 30 W
Power stability	< 2% RMS			
Spectral bandwidth	< 0,15 nm			
Polarization	Linear, > 20 dB			
Beam quality	Fibered output		Free-space output - $M^2 < 1,2$	
Cooling system	Air cooled			

Pulsed regime available upon request.

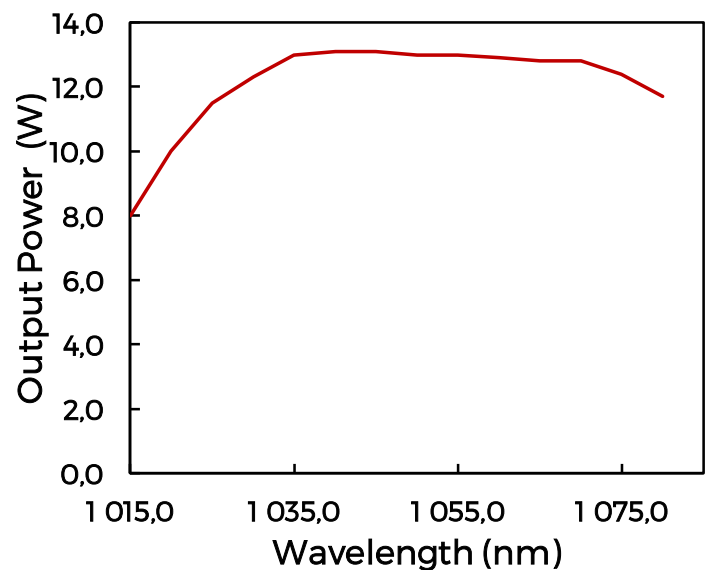
* Other wavelength available upon request

** Typical average power in IR

Typical spectrum around 1um



Output power vs. wavelength



All information in this document is subject to change without prior notice. Updated 01/2019

Don't hesitate to contact us for more information:



PHONE: +33 6 17 03 32 16

EMAIL: contact@irisiome-solutions.com

WEB: <http://www.irisiome-solutions.com>

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1, Rue François Mitterrand
33400 Talence, FRANCE