

Extensions & Accessories Toolkit

Supercontinuum White Light Source

UV extension

FEATURES

- From UV 350 nm to IR
- Singlemode TEM00
- Maintenance-free
- Reliable all fibered compact broadband source
- Available on SM-Series and STM-Series

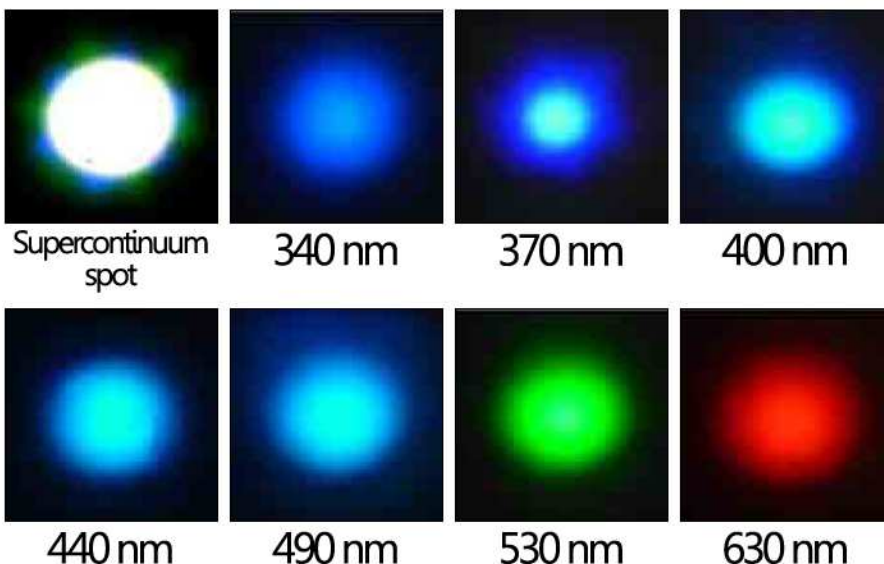
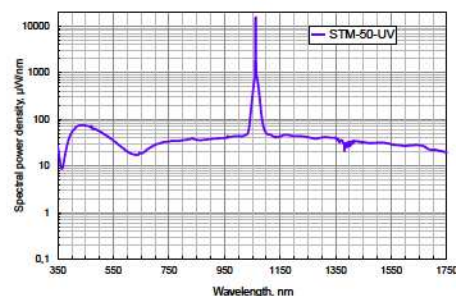
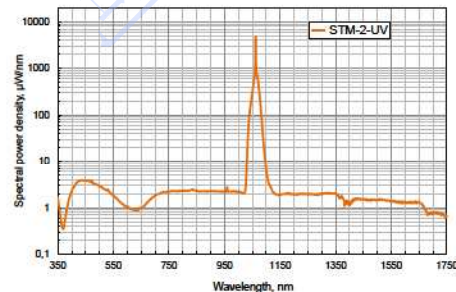
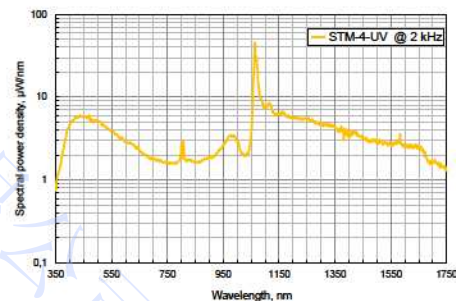
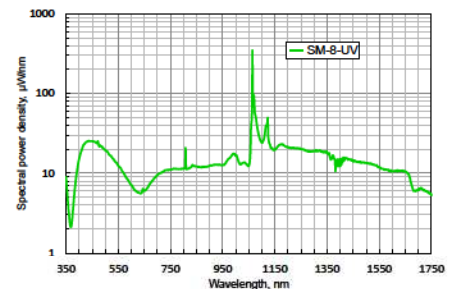
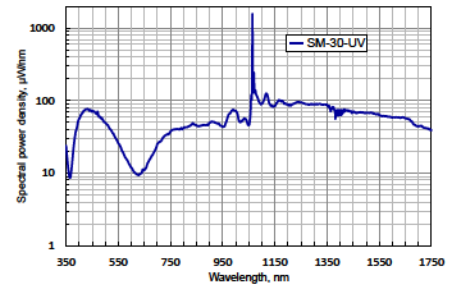
Total average power

SM-UV Series

SM-8-UV	> 20 mW
SM-30-UV	> 50 mW
SM-100-UV	> 80 mW

STM-UV Series

STM-4-UV	> 2 mW @ 2 kHz
STM-2-UV	> 25 mW
STM-50-UV	> 80 mW



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IR & VIS-IR extensions

FEATURES

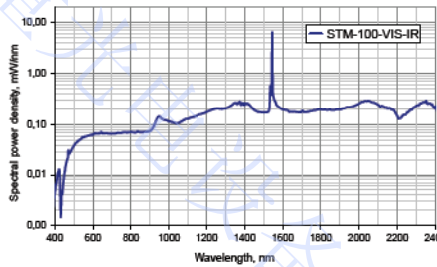
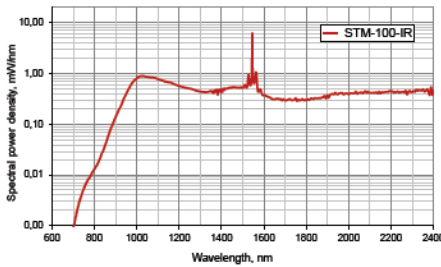
- Singlemode TEM00
- Maintenance-free
- Reliable all fibered compact broadband source
- Available for repetition rate higher than 50 kHz

IR
From 900 nm to NIR

VIS-IR
From 550 nm to NIR

Optical specifications

	min	IR From 900 nm to NIR	VIS-IR From 550 nm to NIR
Spectral bandwidth	Max	< 900 nm	< 550 nm
		> 2400 nm	> 2400 nm
Seed repetition rate *		~ 100 kHz	~ 100 kHz
Timing jitter		< 50 ns	< 50 ns
Seed pulse width		~ 1 ns	
Total average power **		> 600mW	> 250 mW



* Other repetition rate available on request.

** Higher output power available on request.

Accessories *

Laser Line Tunable Filter™** single wavelength selection, transmission up to 60 %

	LLTF-VIS2	LLTF-750	LLTF-850	LLTF-SWIR
Spectral window	400-1000 nm	715-1000 nm	800-1100 nm	1000-2300 nm
Linewidth (FWHM)	2	0.4	0.4	4

Acousto-optic tunable filters simultaneous multiple wavelength selection

	BOX-AOTF-VIS	BOX-AOTF-NIR1	BOX-AOTF-NIR2
Spectral window	400-650 nm	650-1200 nm	1100-2200 nm
Linewidth	varies depending on the central wavelength		

Tunable bandwidth filter tunable filter in the visible band up to 700 nm, 10 to 100 nm FWHM

Bandwidth splitter split the supercontinuum spectrum in two bands, the visible and the NIR

* Other equipments and performances available on request.

** Photon etc's filtering solutions: Laser Line Tunable Filter™



INVISIBLE AND VISIBLE LASER RADIATION
AVOID EXPOSURE to BEAM
Class 3b (IIB) and class 4 (IV) Laser product

200 nm < λ < 3000 nm; Pulse width ≤ 1 ns; AVG Power ≤ 1 W
This laser does not comply with 21 CFR 1040.10 nor IEC 60825.1-2001.
Use only as an OEM component.

All specifications are subject to change without notice.
LEUKOS SM-Series and STM-Series do not comply with CDRH requirements.
The customer is responsible for CDRH certification of the systems incorporating the LEUKOS laser.