

NEW WAVE

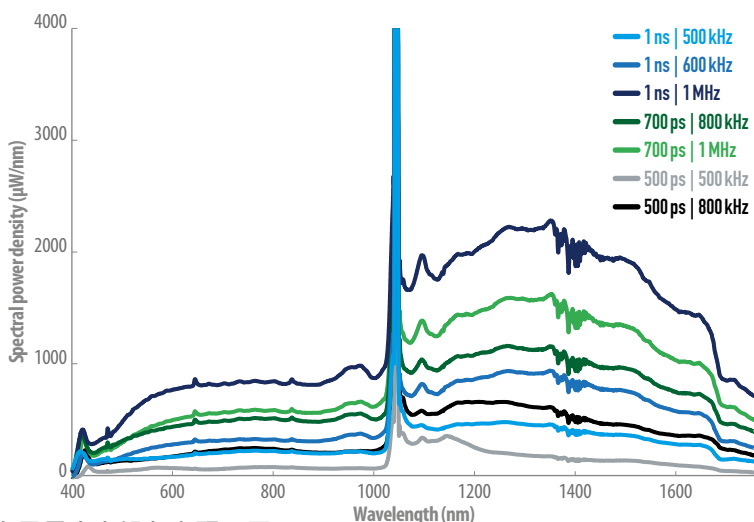
— Supercontinuum lasers
— SCIENTIFIC
— HIGH-POWER



AGILE SUPERCONTINUUM LASER

吴量光电

The **NEW WAVE** laser is an agile high power white light supercontinuum. This laser provides up to 2W total average power with adjustable pulse width and repetition rate.



FEATURES

From visible to NIR 400 - 2400 nm

Adjustable repetition rate 250 kHz up to 5 MHz

Adjustable pulse width 150 ps up to 2 ns

Total average power up to 2 W

Spatially single mode

Maintenance-free

APPLICATIONS

Time-resolved spectroscopy

OCT

Metrology

LIDAR



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NEW WAVE

AGILE SUPERCONTINUUM LASER

NEW WAVE allows multiple modes of operation through a patented optical design that provides flexibility, power and stability. Developed in response to market demand for agile and reliable supercontinuum, **NEW WAVE** offers the right performances to fit your needs and facilitate your progress.

- Supercontinuum lasers
- SCIENTIFIC
- **HIGH-POWER**



ADDITIONAL EQUIPMENT

Achromatic collimated output

Easy fiber coupling with POP

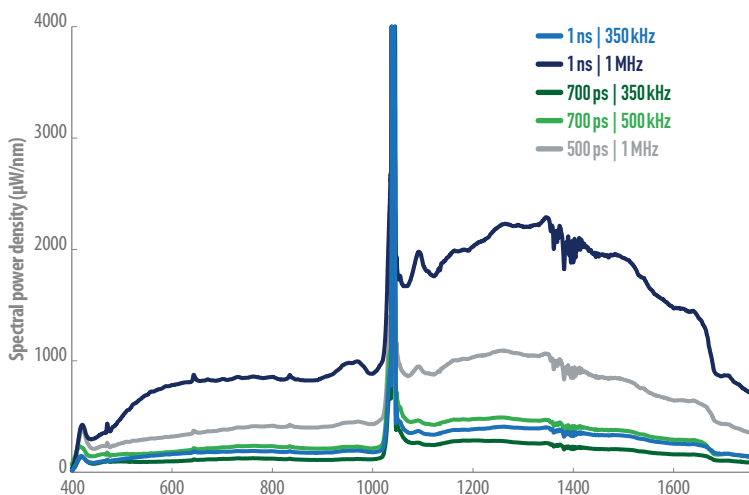
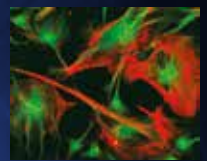
Tunable filters : AOTF, monochromators, custom

OPTION

Fixed pulse width and adjustable repetition rate

Up to 5 MHz

OPTICAL SPECIFICATIONS		NEW WAVE
Spectral bandwidth	min	< 410 nm
	max	> 2 400 nm
Adjustable total average power		Up to 2 W
Adjustable seed repetition rate (step 50kHz)	min	250 kHz
	typ	1 MHz
	max	2 MHz
Adjustable seed pulse width	min	100 ps
	max	2 ns
Power stability		< 1,5%
Spatial mode		Singlemode
Polarization state		Unpolarized
Output		FC/APC collimator (~1m armored cable)
Synchronization output		External output trigger BNC connector (output panel)
Interlock connector		2-pin LEMO
OTHER SPECIFICATIONS		
Control interface		Front panel and USB
Operating temperature		+15°C to +35°C non condensing
Weight		< 9 kg
Dimensions (LxWxh)		430x330x80 mm
Power requirements		100-240 V, 50/60 Hz



CAUTION – VISIBLE AND INVISIBLE LASER RADIATION AVOID EYE AND SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION CLASS 4 LASER PRODUCT

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