

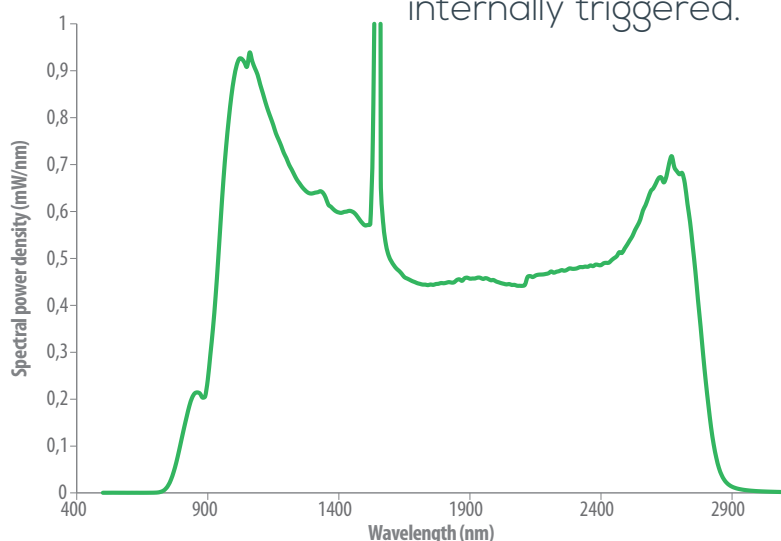
Electro IR

NIR SUPERCONTINUUM LASER

— Supercontinuum lasers
— SCIENTIFIC
— NIR - MID IR



ELECTRO IR is a super-continuum laser with a unique spectrum in the NIR up to 1000 nm, 2700 nm. This laser can either be externally triggered by a simple TTL signal with low jitter, or internally triggered.

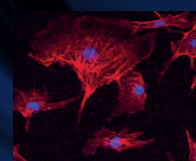
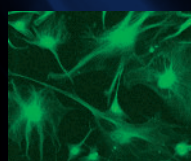


FEATURES

- NIR spectrum from 1000 nm to 2700 nm
- Flat spectrum
- Spatially singlemode
- Total average power > 1 W
- Flexible fiber output
- Achromatic collimation
- Maintenance-free
- Long lifetime

APPLICATIONS

- High resolution imaging
- Flow cytometry
- OCT
- Microscopy
- Optical component characterization



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Electro IR

NIR SUPERCONTINUUM LASER

For easy synchronization, a trigger output is available. **ELECTRO IR** is the perfect tool for user who needs high power in the NIR spectral window.

OPTICAL SPECIFICATIONS		ELECTRO 250 IR
Spectral bandwidth	mini	< 1000 nm
	max	> 2 700 nm
Total average power		> 1 W
Repetition rate		250 kHz
Seed pulse width		< 1 ns
Power stability		+/- 1 %
Spatial mode		Singlemode
Polarization state		Unpolarized
Output connection		FC/APC collimator (armored 50 cm cable)
Trigger		Internal - external
Synchronization output		Trigger output
Interlock connector		2-pin LEMO
OTHER SPECIFICATIONS		
Control interface		Front panel and GUI (.NET)
Operating temperature		+15°C to +35°C non condensing
Weight		< 9 kg
Dimensions (LxWxh)		320x320x145 mm
Power requirements		100-240 V, 50/60 Hz

ADDITIONAL EQUIPMENT

Easy fiber coupling with Pop

Tunable filters : Tango, Salsa, monochromators, custom

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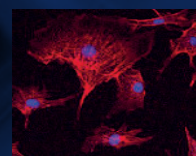
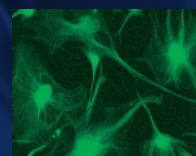
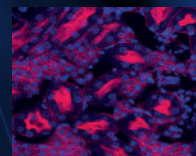
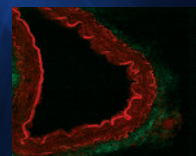
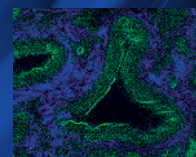
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All specifications are subject to change without notice - JANUARY 2023 EDITION

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OPTION

Custom spectrum

Attenuation of the remaining pump spike in the supercontinuum spectrum



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