

Electro MIR

— Supercontinuum lasers
— SCIENTIFIC
— NIR - MID IR

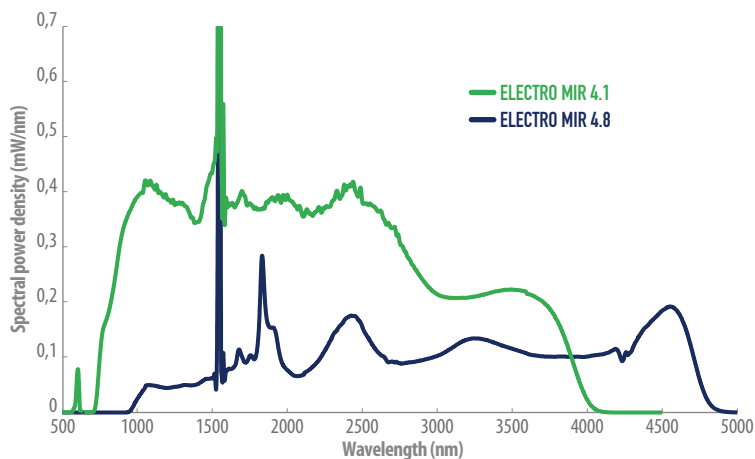


MID IR SUPERCONTINUUM LASER



ELECTRO MIR

is the new generation of supercontinuum laser delivering a unique spectrum in the Mid-IR. **ELECTRO MIR** is based on LEUKOS' over 10 years' experience in the field of supercontinuum laser.

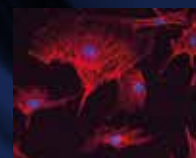
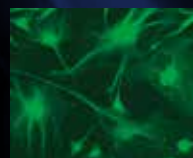


FEATURES

- Mid IR spectrum up to 4800 nm
- Spatially singlemode
- Total average power up to 800 mW
- Repetition rate > 100 kHz
- Flexible fiber output
- Achromatic collimation
- Maintenance-free
- Long lifetime

APPLICATIONS

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



LEUKOS
Make a bright future

Electro MIR

MID IR SUPERCONTINUUM LASER

ELECTRO MIR is based on LE VERRE FLUORE over 38 years' experience in fluoride fibers. **ELECTRO MIR** is built on a mature reliable technology, the laser is turnkey, easy to operate and delivered with real achromatic collimated output to ensure a perfect collimation over its wide spectral range.

- Supercontinuum lasers
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- NIR - MID IR



OPTICAL SPECIFICATIONS		ELECTRO MIR 4.1	ELECTRO MIR 4.8
Spectral bandwidth	mini	< 800 nm	< 800 nm
	max	> 4100 nm	> 4800 nm
Total average power		> 800 mW (typ. 1W)	> 500 mW
Repetition rate		> 100 kHz	
Seed pulse width		> 100 ps	
Power stability		< +/- 1 %	
Spatial mode		Singlemode	
Polarization state		Unpolarized	
Output connection		FC/APC Collimator (~1 meter armored cable)	
Synchronization output		External trigger output	
Interlock connector		2-pin LEMO	
OTHER SPECIFICATIONS			
Control interface		Front panel and USB	
Operating temperature		+10°C to +40°C non condensing	
Weight		< 8 kg	
Dimensions (LxWxh)		485x250x134 mm	
Power requirements		100-240 V, 50/60 Hz	

ADDITIONAL EQUIPMENT

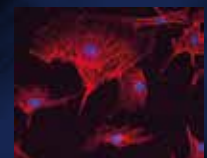
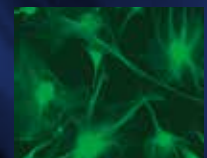
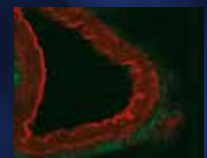
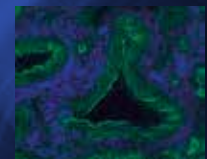
Achromatic collimated output

Easy fiber coupling with Pop

Tunable filters : AOTF, monochromators, custom

OPTION

External or internal trigger



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