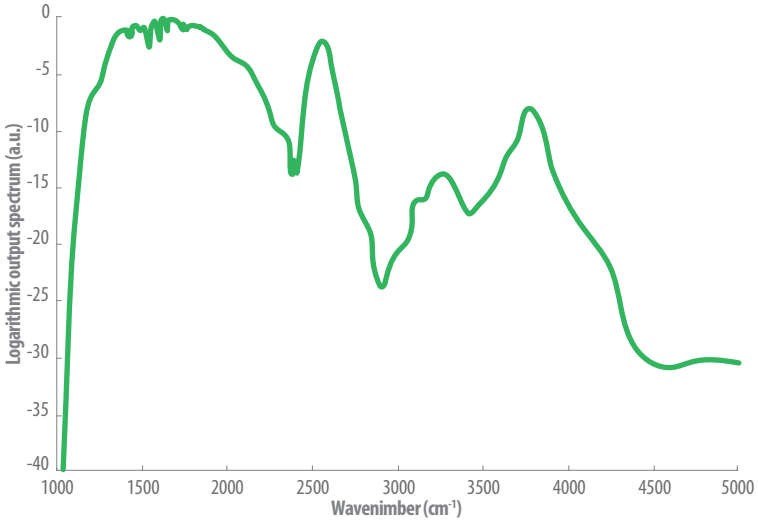
Electro MIR

— 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.

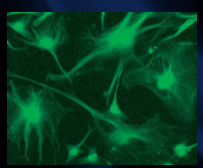


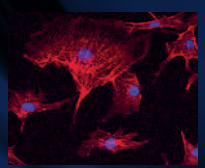
FEATURES

- Spectrum from 1100 cm^{-1} up to 4000 cm^{-1}
- High brightness beam from singlemode optical fiber
- Total average power up to 15 mW
- Repetition rate > 100 kHz
- Flexible fiber output
- Achromatic collimation
- Maintenance-free

APPLICATIONS

- Spectroscopy
- Microspectroscopy
- OCT
- Microscopy
- Optical characterization





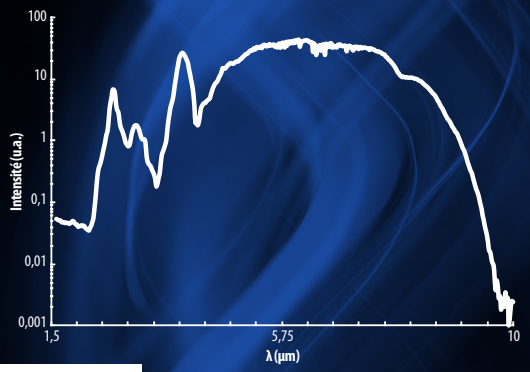
LEUKOS
Make a bright future

— Supercontinuum lasers
— SCIENTIFIC
– NIR - MID IR

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.



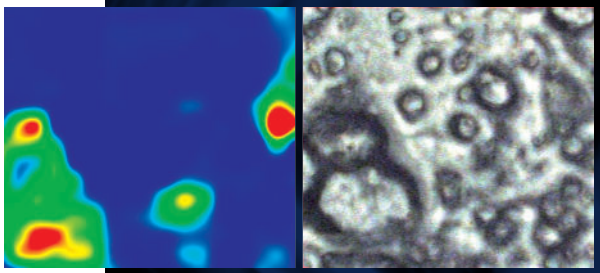
OPTICAL SPECIFICATIONS		ELECTRO MIR 9
Spectral bandwidth	mini	1100 cm^{-1} (9000 nm)
	max	4000 cm^{-1} (2500 nm)
Total average power		> 12 mW (typ. 15 mW)
Repetition rate		> 100 kHz
Seed pulse duration		> 100 ps
Power stability		< +/- 2 %
Spatial mode		Singlemode
Polarization state		Unpolarized
Output connection		FC/APC Collimator (~ 1,5 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 : Salsa, 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

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