

ABOUT FLUENCE









2003 2016

13 years of pre-commercial technology development

7 YEARS OF CORPORATE EXPERIENCE

- Femtosecond laser manufacturer
- Unique all-fiber technology, perfected since 2003
- Founded in 2016*
 - * Leveraging 13 years of fs product and application development at Polish Academy of Sciences
- Headquarters in Warsaw, Poland
- Ultrafast Laser Application Laboratory (ULAL) in Wrocław, Poland
- High power, industrial-grade lasers for materials processing, science and medicine



FEMTOSECOND FIBER LASERS: SUPERIOR LIFETIME AND PERFORMANCE









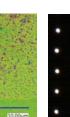
2 W 100 nJ 100 fs



- 2 photon polymerization
- ✓ 2-photon imaging
- Ophthamology



7 W 5 μJ



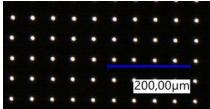
- Marking
- Micromachining

Fluence

✓ OEM integration



30 W 30 µJ



- Micromachining
- ✓ Surface structuring
- Waveguide writing



Average power: up to 60 W

Max. Energy: $100 \mu J (200 \mu J)$

Max. Peak Power: 0.5 GW

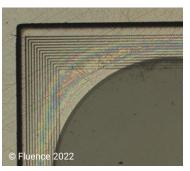
Pulse duration: <270 fs - 20 ps*

HGM wavelengths: **515, 343, 258 nm**

Most powerful and versatile











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THANK YOU FOR YOUR ATTENTION



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