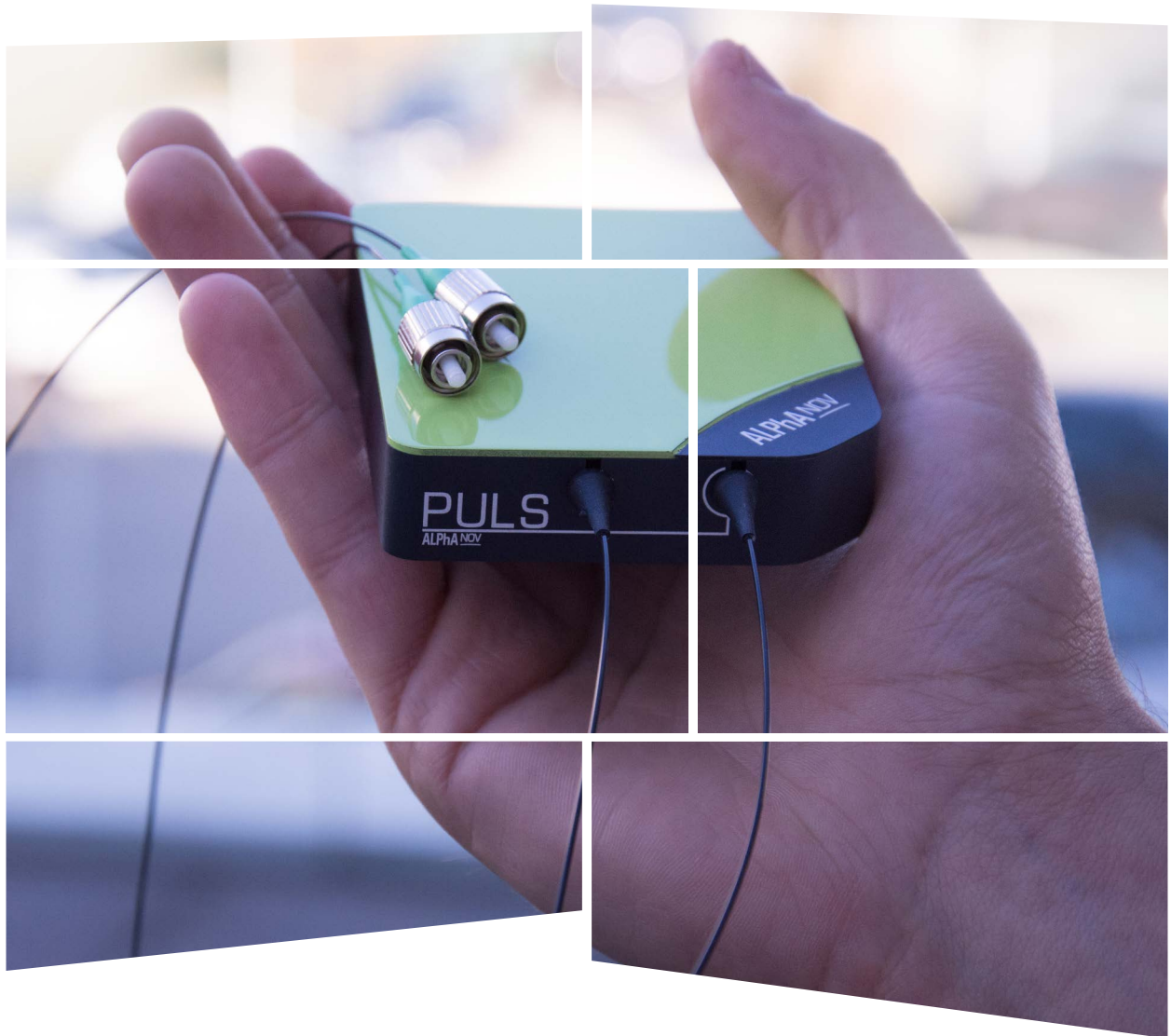


PULS

Versatile mode-locked oscillator



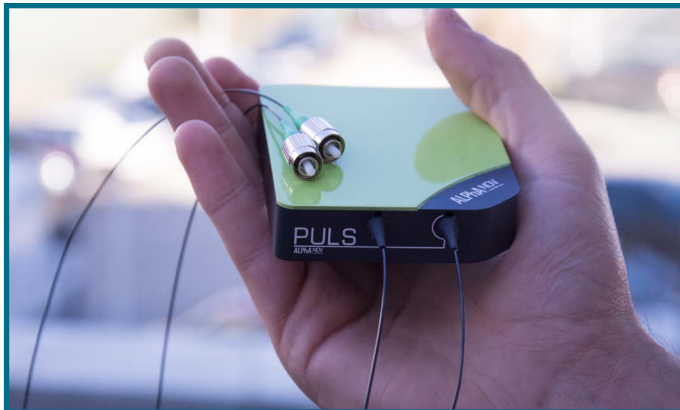
ALPhA **NOV**

Optics & Lasers Technology Center

PULS

Versatile mode-locked oscillator

Since 2007, ALPhANOV has built a solid expertise in modelling, designing and prototyping of innovative fiber laser sources and components.



Based on passively mode-locked fiber laser technology, our laser oscillators offer a unique, monolithic solution for seeding optical amplifiers, and for applications in multiphoton imaging, micro-machining and biophotonics.

	Wavelength	Pulse duration	Repetition rate	Average power ⁽²⁾
Yb-PULS-ps	1064 nm +/- 1 nm	2-10 ps	20-60 MHz	1 - 20 mW
Yb-PULS-fs	1064 nm +/- 1 nm	<300 fs	20-60 MHz	1 - 20 mW
Er-PULS-fs	1560 nm +/- 10 nm	<100 fs	20-60 MHz	1 - 20 mW
MIR-PULS-fs	2050 nm +/- 10 nm	<150 fs	20-60 MHz	1 - 20 mW
Bio-PULS	1000-1300 nm ⁽¹⁾ 1300-1700 nm ⁽¹⁾	<150 fs <150 fs	20-60 MHz 20-60 MHz	1 - 20 mW

⁽¹⁾ Tunability as an option

⁽²⁾ Depending on the repetition rate

Key features

- All PM fiber laser
- Near transform-limited output pulses
- Environmentally stable output
- Low power consumption
- Pocket-size or OEM version
- Electronics in OEM version