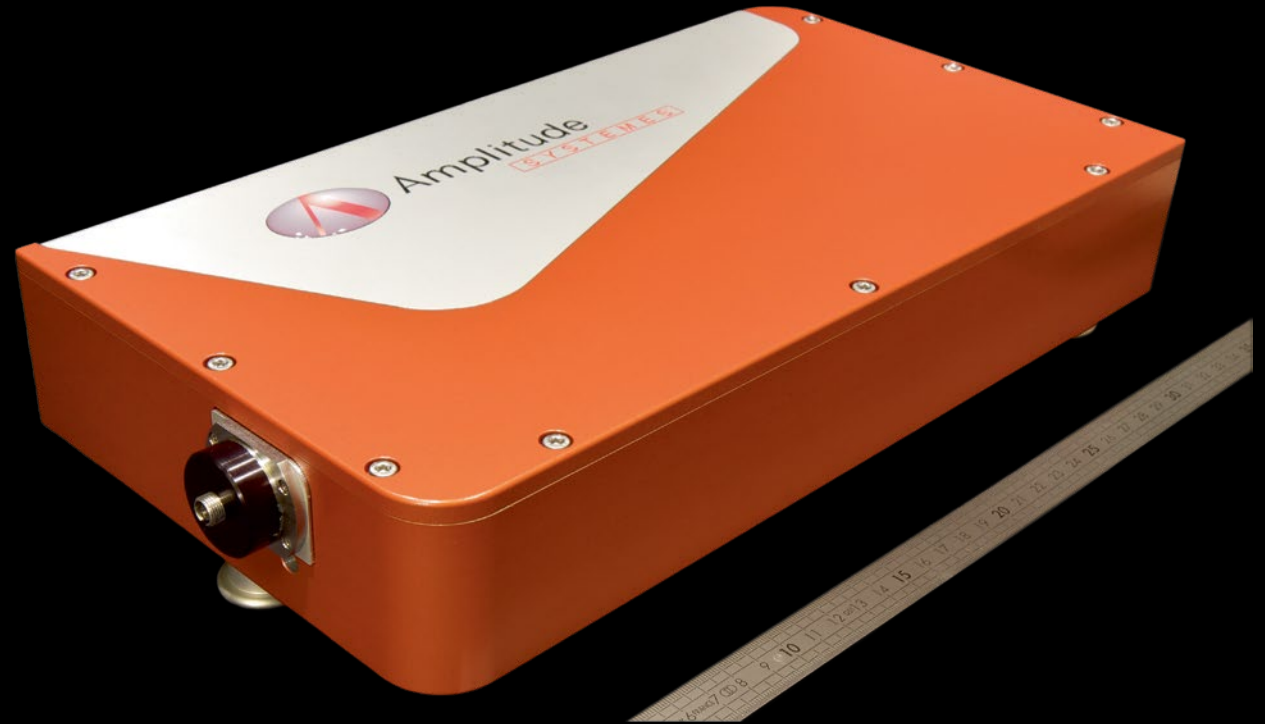


Mikan

Air-cooled high power ultrafast oscillator

A new generation of ultrafast lasers




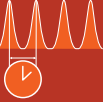




Mikan is an ultra-compact, reliable and turn-key femto-second laser oscillator with high average power. Mikan offers a unique optional fiber output for easy set-up and coupling to the user's experiments. Optional green output extends the applications range.



- # 1 Air-cooled system
- # 2 Ultra compact
- # 3 Ideal for biophotonics and imaging applications
- # 4 Optional green output



Laser specifications

	Mikan
 Average power	1 W
 Pulse energy	> 20 nJ
 Pulse duration	< 250 fs
 Repetition rate	54 MHz
 Wavelength	1030 nm
 Beam quality	$M^2 < 1.2$
 Spatial mode	TEM ₀₀
 Dimensions	33 cm x 18 cm x 8 cm



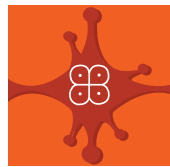
Applications



Ultrafast Science



Metrology



Biology



THz Generation