

A new generation of ultrafast lasers

Tangor

High power femtosecond laser

The Tangor is the world's first industrial 100 W femtosecond laser. This platform offers exceptional flexibility, high repetition rates and high pulse energies.

Designed to meet industrial requirements including 24/7 operation, high yield and precision manufacturing. The Tangor offers the shortest pulse duration in its class giving rise to superior processing quality.



#1 Industrial design

#2 High average power








#3 Burst mode

#4 Optional green and UV outputs



Laser Specifications

TANGOR

	Average power	> 100 W
	Pulse energy	> 300 μ J
	Pulse duration	< 500 fs
	Repetition rate	Single shot to 2 MHz
	Wavelength	1030 nm
	Beam quality	$M^2 < 1.3$
	Spatial mode	TEM ₀₀
	Dimensions	68 cm x 56 cm x 15 cm

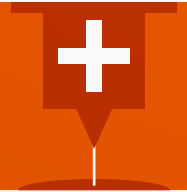


Specifications subject to change without notice

Applications



MicroMachining



Medical Device
Manufacturing



Microelectronics

