

Tangerine

High power, high energy ultrafast fiber laser

A new generation of ultrafast lasers

The first ultrafast fiber laser offering high average power and high pulse energy. Optional green and UV outputs extend the applications range.



#1 High energy

#2 High speed

#3 Industrial design

#4 Optional green and UV outputs



Laser Specifications



Average power

TANGERINE

> 20 W

TANGERINE HP

> 35 W



Pulse energy

> 100 μ J

> 200 μ J



Pulse duration

from 350 fs to 10 ps



Repetition rate

Single shot to 2 MHz



Wavelength

1030 nm



Beam quality

$M^2 < 1.3$



Spatial mode

TEM₀₀



Dimensions

135 cm x 42 cm x 16 cm

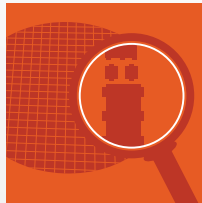


Specifications subject to change without notice

Applications



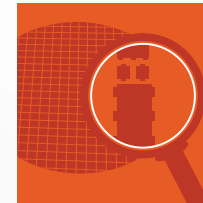
Ultrafast Science



Microelectronics



Medical Device
Manufacturing



MicroMachining



Particle Acceleration



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