

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

脉动科技有限公司

中国代理商

北京总部 地址：海淀区中关村东路89号 恒兴大厦9C, 100190 电话：010-62565117 010-84413925 传真：010-62565117-11 邮箱：info@pulsepower.cn 官网：www.pulsepower.cn

上海办事处 021-32070812 西安办事处 029-87307077 深圳办事处 0755-27528760



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



M^2

Beam quality

$M^2 < 1.3$



Spatial mode

TEM₀₀



Dimensions

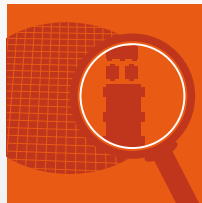
135 cm x 42 cm x 16 cm



Applications



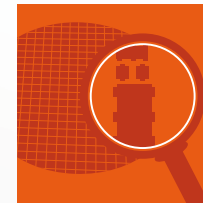
Ultrafast Science



Microelectronics



Medical Device
Manufacturing



MicroMachining



Particle Acceleration



www.amplitude-systemes.com