

A new generation of ultrafast lasers

Mikan

Air-cooled high power ultrafast oscillator

Mikan is an ultra-compact, reliable and turn-key femtosecond 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



Average power

MIKAN

> 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

TEM₀₀



Dimensions

33 cm x 18 cm x 8 cm



Specifications subject to change without notice

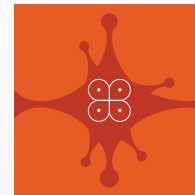
Applications



Ultrafast Science



Metrology



Biology



THz Generation

