

For every industrial need

Mikan

Air-cooled high power ultrafast oscillator

An ultrafast oscillator to meet your most demanding needs

Mikan is an ultra-compact, reliable and turn-key femtosecond laser oscillator with high average power. Mikan offers an unique optional fiber output for an easy set-up and coupling to the user's experiments.

Optional green output extends the applications range.



Applications

Industry:
> Metrology

Science:
> Ultrafast Science
> Biology
> THz Generation

Key Features

- > Air-cooled system
- > Ultra compact
- > Ideal for biophotonics and imaging applications
- > Optional green output

Specifications

Mikan

Average Power	> 1,3 W
Energy Per Pulse	> 24 nJ
Pulse Width	< 250 fs
Repetition Rate	54 MHz
Central Wavelength	1025 +/- 5 nm
Beam Quality	TEM00, M²<1.1
Long Term Mean Power Stability	< 0,5 % rms
Warm-up Time	< 30 min

Dimensions

All Models	33 x 18 x 8 cm
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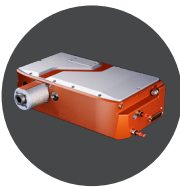
Weight

All Models	23 kg
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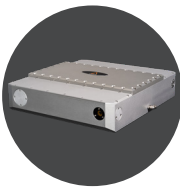
Cooling

All Models	Air-cooled
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Options



SHG



Compress



Fiber coupling

