

*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.



**Industry:**  
> Metrology

**Science:**  
> Ultrafast Science  
> Biology  
> THz Generation



> 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, M <sup>2</sup> <1.1 |
| Long Term Mean Power Stability | < 0,5 % rms                |
| Warm-up Time                   | < 30 min                   |

## Dimensions

|            |                |
|------------|----------------|
| All Models | 33 x 18 x 8 cm |
|------------|----------------|

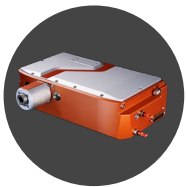
## Weight

|            |       |
|------------|-------|
| All Models | 23 kg |
|------------|-------|

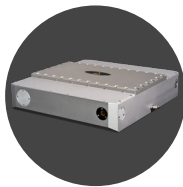
## Cooling

|            |            |
|------------|------------|
| All Models | Air-cooled |
|------------|------------|

# Options



SHG



Compress



Fiber coupling

