

ML-2000-Legend

2 μ m Ultrafast Fiber Laser



FEATURES

- Customizable operating wavelength
- fs/ps pulse width option
- High peak power
- Diffraction limited beam
- Turn-key system
- No maintenance required

NPI's new 2 μ m ultrafast fiber laser **ML-2000-Legend** features ultrashort pulse durations with high average power and peak power. It is a highly stable laser source. The one-box design is compact and lightweight, allowing simple integration. **ML-2000-Legend** can be used as a core laser source in research fields such as multiphoton spectroscopy, optogenetics and study of nonlinear optical effects.

NPI Lasers is an innovative manufacturer of versatile, reliable and cost-effective fiber laser modules operating in the mid-IR wavelength range. Our team shares a combined optical research/industrial experiences of more than 60 years and this ensures that we understand your specific application needs no matter it is in the field of niche photonics research, industrial sensing and detection, advanced bio-medical procedures, or next-generation laser material processing.

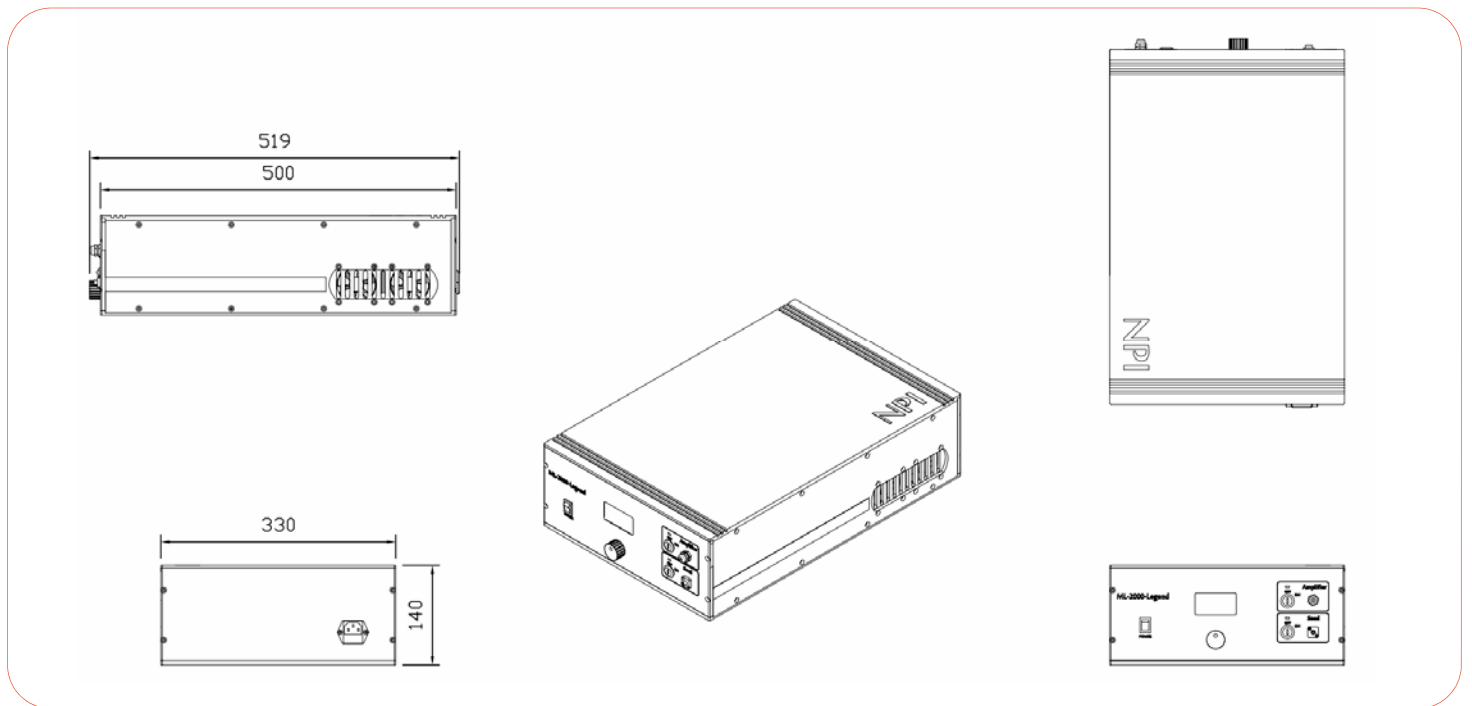
APPLICATIONS

- Mid-IR generation
- Nonlinear optics
- Mid-IR spectroscopy
- Amplifier seeding
- Silicon photonics

SPECIFICATIONS

Parameter	Specification
Operating Wavelength	1960±20 nm
Pulse Duration	<3 ps
Average Output Power	>3 W
Repetition Rate	20-40 MHz
Peak Power	>50 kW

Parameter	Specification
Operating temperature	+10 to +40 °C
Power requirement	AC 100-240 V (50 Hz/60 Hz)
Dimensions	419 mm x 260 mm x 90 mm
Weight	4.8kg
Connector/fiber type	Armored cable



VISIBLE OR INVISIBLE RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION
CLASS 3B LASER PRODUCT

CAUTION: THIS IS A CLASS 3B LASER PRODUCT AND ADJUSTMENT OTHER THAN THOSE SPECIFIED IN THE PRODUCT MANUAL MAY RESULT IN HAZARDOUS LASER RADIATION EXPOSURE

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Your ideal partner for mid-IR lasers and photonics