

SuperTune 2000

2000 nm Widely Tunable Fiber Laser

Supertune-2000 is a highly stable, widely tunable cw laser specially designed for the testing of optical components made for 2um wavelength. Supertune-2000 covers the wavelength range of 1900~2000nm, with good cost-performance ratio, and bridged a gap in MIR and NIR wavelength range. Supertune-2000 can be also combined with TDFAs to achieve Watt-level power output.

Supertune-2000 is widely used in the testing of passive-fiber, optical coating, optical detectors and integrated optical parts around 2um. With the simple and smart design, it is a good platform for applications such as industrial detection, long-wavelength optical testing platforms.

Applications :

- Gas sensing
- Spectroscopy
- Biomedical analysis
- Test and measurement
- Silicon Photonics

Main Specification

Laser Parameters

Tuning Range	1900-2000 nm	Average Power	>1 mW
Output bandwidth	<0.1 nm	Average Power Stability	<0.5% RMS(24h@25°C)
Tuning Step	0.1 nm	Beam Quality	TEM ₀₀ , M ² <1.2
Wavelength Accuracy	<0.2 nm	Output Type	SM2000 Fiber, FC/APC Connector

Electrical, Environmental and Mechanical Parameters

Power Consumption	<150 Watt	Operational Temperature Range	15-35 °C
Trigger Signal	1 V@50 Ohm	Operational Humidity Range	20-80%
Supply Voltage	100-240 VAC	Dimensions	436×260×146 mm
Weight	17 kg	Cooling	Air-cooled

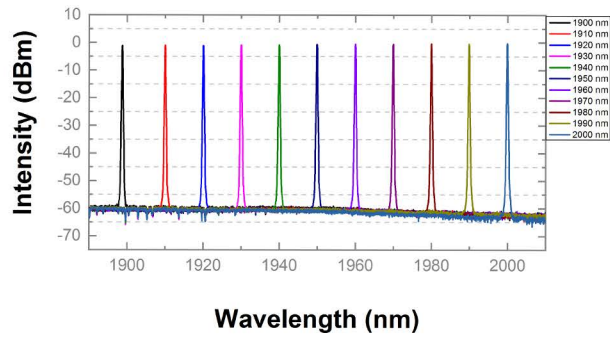


SuperTune 2000

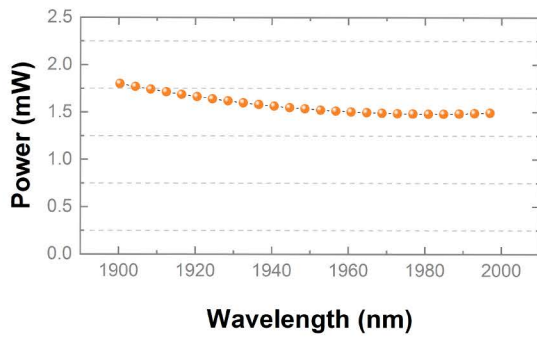
2000 nm Widely Tunable Fiber Laser

Test Data

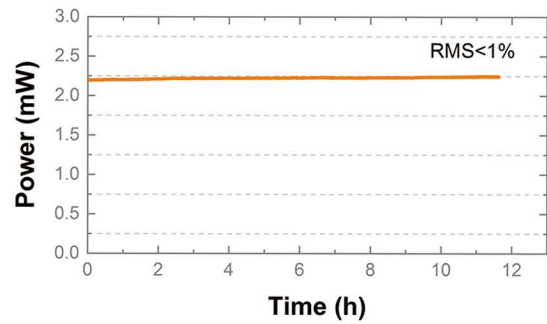
Output spectrum



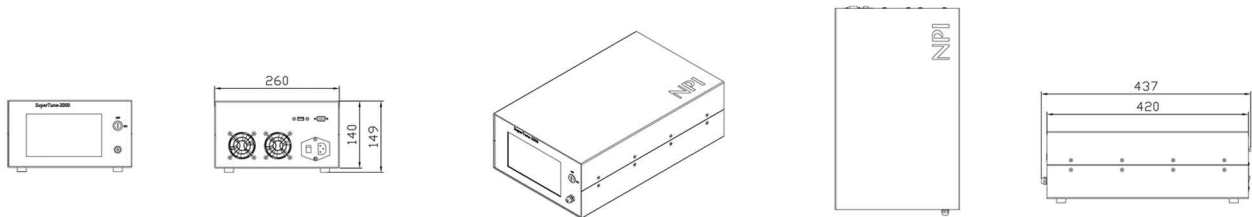
Output power



Power Stability



Machine Drawing



诺派激光 NPI Lasers
Tel : +86-(0)25-84985077
E-mail : sales@npilasers.com

