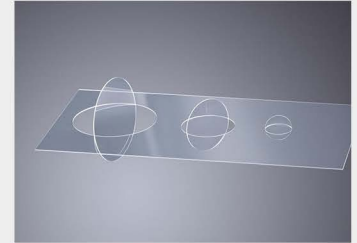
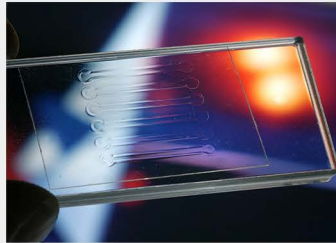


2000nm High Power CW Fiber Laser - Powerwave 2000

PowerWave 2000 is a high-power 2000nm CW fiber laser developed NPI Lasers. The laser has an operating wavelength range of 1900nm~2050nm, single-mode output with CW output power of up to 30W. It has an excellent near diffraction limit beam.

PowerWave 2000 is an ideal choice for transparent plastic welding using materials such as PMMA and PC/ABS for biomedical applications. It can also be used as the pump source for MIR lasers in scientific research.



Key Features :

- Wavelength tunable
- Single mode
- Excellent power stability
- Diffraction limited beam

Applications :

- Plastic welding and cutting
- Medical surgery
- Transparent material processing
- Spectroscopy

» Main Specification:

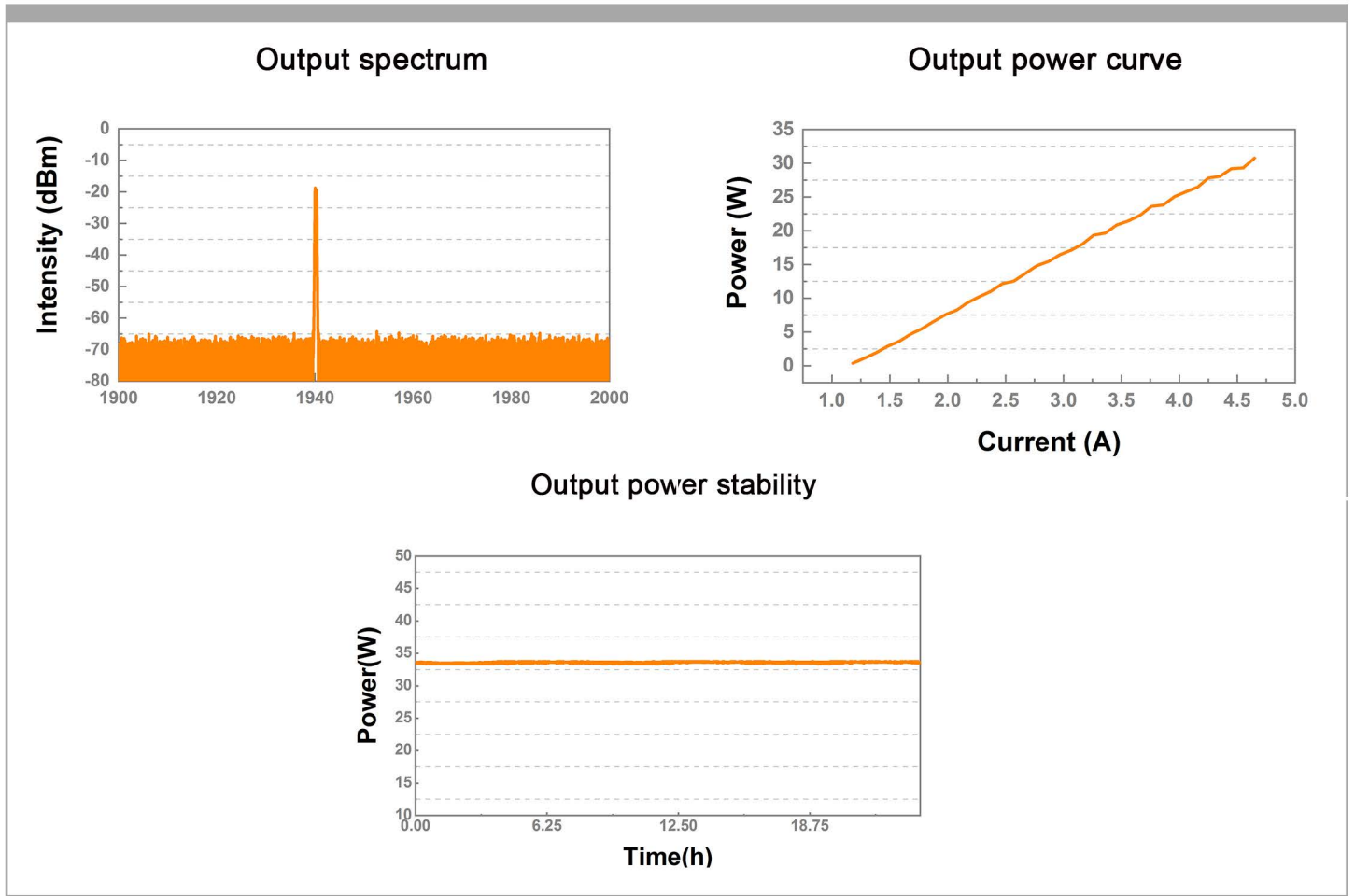
Laser Parameters

Operating Wavelength	nm	1900-2050
Spectral Bandwidth	nm	<1
Average Power	W	>30
Average Power Stability	% RMS	<0.5 (12h@25°C)
Beam Diameter	mm	5
Output Polarization		Random/Linear Polarization
Output Fiber		Collimating Output

Electrical, Environmental and Mechanical Parameters

Supply Voltage	AC	220V
Operational Temperature Range	°C	15~35
Operational Humidity Range	%	20~80 (Non-condensing)
Storage Temperature Range	°C	-20~+50
Storage Humidity Range	%	20~80 (Non-condensing)
Weight Laser Head	kg	20
Dimensions Laser Head	mm(L×W×H)	405×356×91
Cooling		Air-cooled

Test Data :



Machine Drawing

