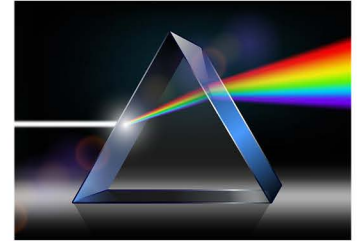
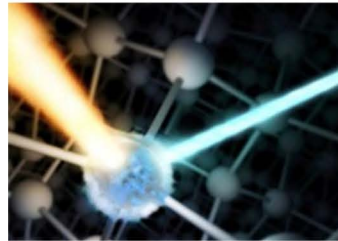


## 2μm Nanosecond Fiber Laser - Powerwave 2000-ns

Powerwave 2000-ns is a highly versatile 2μm nanosecond pulsed fiber laser for scientific and industrial applications. The laser features modular design and undergoes stringent industrial reliability tests. Typical output specifications of the series include a selectable center wavelength in the range of 1900~2000nm, kHz to MHz repetition rate, and a maximum output power of 10W / pulse energy of 10μJ.

Powerwave 2000-ns is an excellent choice for pumping Mid-IR supercontinuum, and can be used in emerging industrial processings.



### Key Features :

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

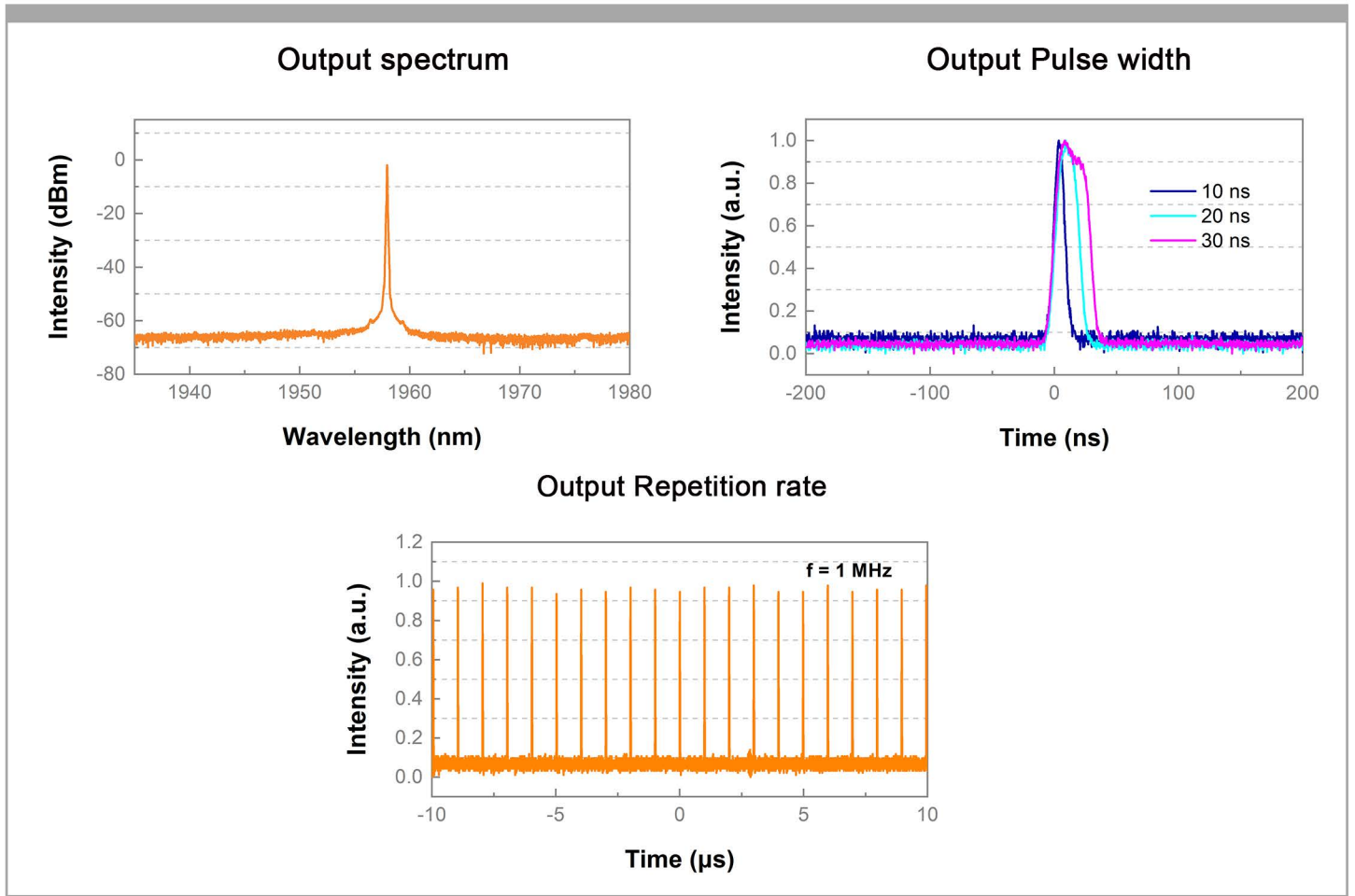
### Applications :

- HBr gas laser pumping source
- Cr<sup>2+</sup> doped laser pumping source
- Supercontinuum

### » Main Specification:

Laser Parameters		
Operating Wavelength	nm	1900-2000
Pulse Width (FWHM)	ns	>10
Average Power	W	10
Repetition Rate	MHz	0.5-2
Average Power Stability	% RMS	<0.5 (12h@25°C)
Single Pulse Energy	μJ	>10
Beam Quality		TEM <sub>00</sub> , M <sup>2</sup> <1.2
Output Type		Free-space
Electrical, Environmental and Mechanical Parameters		
Trigger Signal	V	1 V @50 Ohm
Power Consumption	Watt	<150
Supply Voltage	VAC	100-240 (50Hz/60Hz)
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

