

High Power Femtosecond Laser

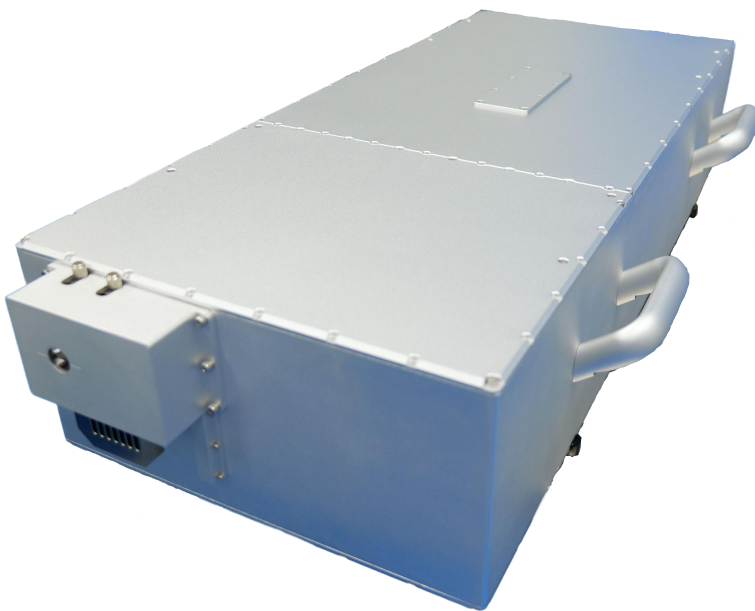
The high-power femtosecond lasers launched by Precilasers are high-end laser equipment carefully built to cover scientific research, industrial manufacturing, medical surgery, and advanced material processing. This series of lasers integrates the most advanced ultra-short pulse technology, achieves extremely high frequency stability and power output, and provides users with unparalleled processing accuracy and efficiency.

Features

- Ultrashort pulse width
- High Power
- High Repetition Rate
- Wide Wavelength Tunable

Application

- Precision Measurement
- Biomedical
- Environmental Monitoring



Specification	
Partnumber	FL-FS-1035-100
Center Wavelength	1035nm
Tuning Range	> 10nm
Working Mode	Femtosecond pulse laser output
Pulse Width	≤200fs
Maximum Pulse Energy	≥1mJ
Average Power	> 100W
Repetition frequency	100KHz
Power Stability	<1% @3hours, RMS
Beam Quality	TEM ₀₀ , M ² <1.3
Output Mode	Free space collimated output
Cooling	Water Cooling
Warm-Up Time	
Cold Start	<2 hours
Warm Start	<30 minutes
Environment and Power Supply	
Operating Temperature (No condensing)	15-35 °C (Water Cooling)
Power Supply	100V-240V, AC, 50/60Hz
Communication	RS422