



0.5 mJ Femtosecond Fiber Laser

- All Fiber Solutions (other than compressor)
- 50 W Average Power
- Dynamic Pulse Shaping and Control
- Single Shot Capability
- Long Life Time (>100 Khr)
- Minimal Maintenance
- Excellent Beam Quality
- 1020-1100 nm



0.5 mJ Laser System Specifications

Pulse Energy	100-500 μ J
Average Power	10-50 W
Pulse Width	200-700 fs
Pulse Repetition Rate	0.1-1 MHz
Wavelength	1020-1100 nm
Beam Quality	$M^2 < 1.3$
Beam Size	3-5 mm
Output Electrical Trigger	TTL
Power Adjustment Range	10-100%
Control Software / Interface	GUI / RS232
Main Chassis Dimension	430 x 130 x 560 (L x W x D)
Laser Head Dimension	1220 x 305 x 406 (L x W x H)
Maximum Power Consumption	1 kW
Cooling	Air or water

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