

MFP 20X

Q-Switch Pulsed Fiber Laser



Product Feature



Excellent Single Pulse Energy

Higher single pulse energy makes our laser applicable to more types of materials and applications



New Compact and Rugged Design

>40% reduction in volume
Higher flexibility when integrated into system



Wide Application Even with Highly Reflective Material

High performance isolator effectively reduces reflection damage to the laser source
Smoothly marking on aluminum, copper and brass etc



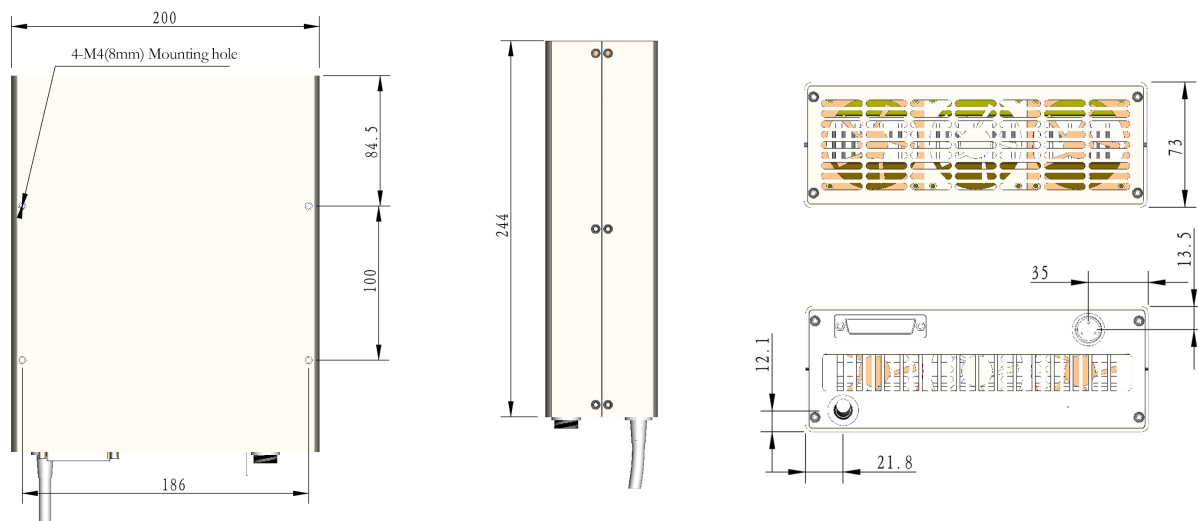
High Level Vertical Integration

All key components are designed and produced in house
Strict quality control, high consistency and reliability

MFP 20X Fiber Laser Specifications

Model	MFP-20X
OPTICAL SPECIFICATIONS	
Nominal Power	18~19W
Mode of Operation	Pulsed
Polarization	Random
Power Tunability	10 to 100%
Wavelength	1064 ± 5 nm
Power Stability	≤ 5 %
Laser Beam Quality M ²	1.1~1.6
Pulse Energy	0.7 mJ
Pulse Duration	70~110 ns
Repetition Rate	27.7~62.5 kHz
FIBER DELIVERY SYSTEM	
Length	1.9~3m standard, other lengths optional
Beam Diameter	6~9mm
Beam Ellipticity	90%
ELECTRICAL RATINGS	
Supply Voltage	24 VDC
OTHER SPECIFICATIONS	
Operating Temperature	+10 to +40°C
Storage Temperature	-10 to +60°C
Humidity	10 to 95%
Cooling Method	Air Cooling
Dimension	244×200×73 mm
Weight	5 kg

Mechanical Specifications (mm)



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