



FiberMaster MOPA M1+

Our MOPA (Master Oscillator Fiber Amplifier) lasers can be used for marking logos, serial numbers, bar codes and other images on almost any materials such as stainless steel, titanium, brass, gold, silver, aluminum and lots of plastic-type products such as cell phone covers, chargers, notebooks, tablets, consumer electronics housings etcetera. The optional rotary attachment allows the engraving of circular items such as rings. You can also do colour marking on Stainless Steel.

PLF-30-M-HQ FiberMaster
Available in Desktop or Floorstanding

SPECIFICATIONS

Laser Power	:	30 W
Maximum Pulse Energy	:	0.5 mJ
Full Power Repetition Range	:	60~1000 kHz
Pulse Repetition Rate Range	:	1~1000 kHz
Pulse Duration Range	:	6~250 ns
Work area	:	200*200 mm
Laser source	:	MOPA M1+ Fiber
Laser head	:	Sino-Galvo Scanning head
Cooling Method	:	Air Cooling
Current Consumption	:	<10 A
Power Consumption	:	<240 W
Emission Wavelength	:	1064 nm
Anti-Reflection Protection	:	Yes
Output Power Range	:	0~100 %
Minimum character size	:	0.01 mm
Marking speed	:	Up to 7000 mm/s

FEATURES

- Specialized fiber marking software
- 3rd generation high speed MOPA fiber laser
- High quality JPT M1+ laser source
- Long operating life - no moving parts
- Precision X-Y-Z-Axis control
- Almost zero maintenance, with high reliability
- Quiet and clean engraving / marking
- Shipped to you as a completely pre-assembled and factory-tested system

BENEFITS

- Marks a wide range of materials and thicknesses
- No tool changes reduces job setup time
- Produces a high quality marking reducing secondary finishing operations and associated costs
- Environment-friendly system. Quiet and clean with low electrical consumption
- Perfect for short-run or just-in-time production
- Increases your profitability
- We hold consumables and spares in stock in Cape Town and Johannesburg, ensuring minimum downtime for your business



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