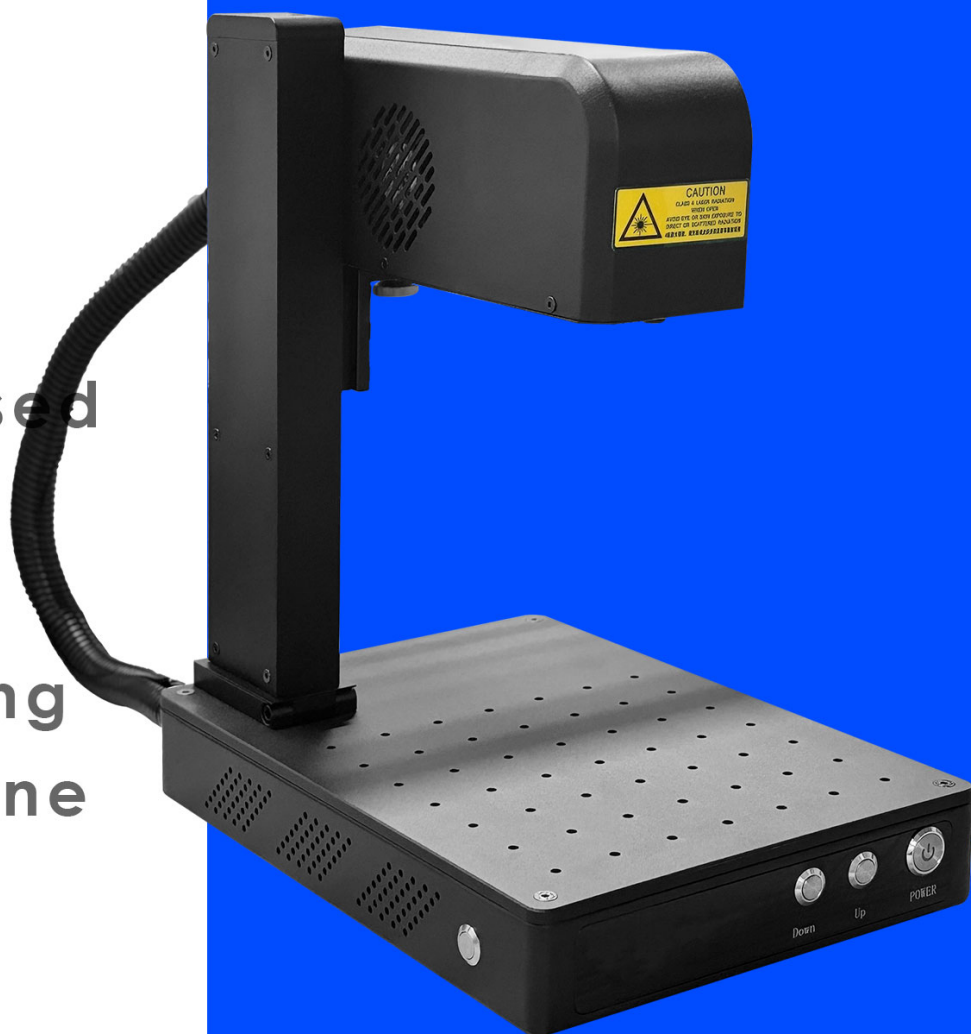


ESTAR
-
F11

Mini
Enclosed
Dual
Laser
Marking
Machine



Features



5000 mm/s
engraving
speed



Red dot
guidance



Accessories
fueling
creativity



User-Friendly
powerful
software



Powerful
laser
Lower



Larege
working
area

2W 1064nm Fiber Laser

The 2W 1064nm infrared laser expands the engraving capabilities to include all metals and plastics, broadening the range of materials that can be engraved.

Fiber Laser



Stainless Steel



Aluminum



Brass



Silver



Plastic



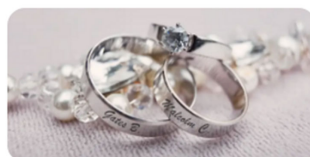
Platinum



Titanium



Gold



10W 455nm Diode Laser

The 10W (watt) 455nm diode blue laser can engrave clear and dark lines on materials like wood, leather, glass, rock, and paper. Additionally, the 10 watts of power enable the F1 to cut through up to 8mm of wood and 5mm of acrylic.

Diode Laser



Wood



Acrylic



Leather



Glass



Rock



Paper



Rubber



Food



Parameters

Laser Type	Fiber & Diode	
	2W - Fiber	10W - Diode
Power		
Marking Depth	≤ 0.001 mm	≤ 2 mm (Based wood marking)
Marking Speed	≤ 5000 mm/s	≤ 400 mm/s
Repeat Frequency	30 - 60 kHz	10 - 100 kHz
Laser Wavelength	1064 nm	405 nm
Repeat Accuracy	≤ 0.001 mm	≤ 0.01 mm
Min.Mark Line Width	0.06 mm @ F=160 mm	
Min. Character Height	0.2 mm @ F=160 mm	
Marking Area	70 * 70 mm	
Power Range	10 - 100%	
Consumption	≤ 0.15 kW.h	
Machine Size	230 * 360 * 330 mm	
Machine Weight	5.9 kg	

