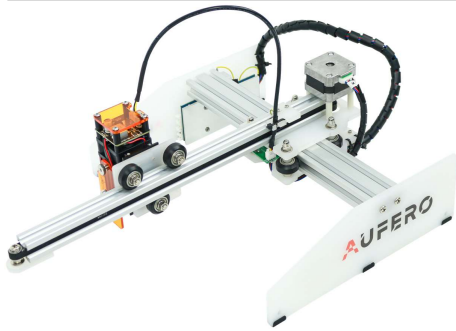


Ortur Laser Engraver

Aufero Laser 1

Portable Diode Laser Engraver



Specifications	
Motherboard	OLM-PRO-V1.2 Motherboard, 32Bits ESP32MCU
Firmware	OLF-V180 series Firmware
Safety Precautions	1.Active Position Protection, 2.Exposure Duration Detection and Limitation, 3.Laser Beam Safety Guard, 4.24V Power Delivery System, 5.Power control system, if shutdown the machine, it would cut the power.
Add-ons	1.Ortur Offline Controller 2.Ortur Safety Enclosure
Frame Materials	Aluminum Profile + Acrylic
Motors	NEMA 17 Stepper Motors
Mechanical Precision	Y:12.5um, X:12.5um
Pixel Accuracy	Adjustable (Default: 300 pixels per inch, about 0.81um Pixel Accuracy)
Engraving Area	180MM×180MM
Available Laser Modules	LU2-2 Laser Module (Real Luminous Power: 1,000-1,600mw) LU2-4-SF Short Focus Laser Module (Real Luminous Power: 4,500-5,500mw) LU2-4-LF Long Focus Laser Module (Real Luminous Power: 4,500-5,500mw) Every 50 hours of use, please clean the lens with a medical cotton swab and alcohol.
Wave Length	445±5nm
Focus	Fixed Focus
Control Mode	PWM
Power Rate	S0-S1,000
Engraving Speed	0-5,000MM/Min
Baud Rate	115200 - 921600 (Default: 115200)
Computer OS	Win XP, Win 7, Win 8, Win 10 (LaserGRBL) Mac and Linux (LightBurn)
Control Softwares	LaserGRBL (free), LightBurn (Paid Software)
Input Format	JPG, JPEG, PNG, BMP, SVG, etc.
Available Materials of Engraving	Food, MDF, Paperboard, Black Acrylic, Leather, Stainless Steel, Power Coated Metal, Stone, etc.
Available Materials of Cutting	Plywood, Pine Board, Paperboard, Black Acrylic, Leather, Felt Cloth, etc.
Input Voltage	110V-220V (Compatible)
Power Adapter Output	24V / 2A
Operating Temp.	-20℃-50℃
Packaging Information	
Product Size	315x422x125MM / 12.4"x16.6"x4.9"
Net Weight	1.6KGS / 3.53LBS
Packing Way:	2 Options: Pre-assembled or Modular Packaging
Box Size:	480x380x170MM / 18.9"x15"x6.7"
Gross Weight:	3.5KGS / 7.72LBS

REMARK:

- 1, Warranty: One Year Against Manufacturing Defect.
- 2, Ticketing System: <https://ortur.tech/support/>
- 3, User Voice Type: <https://ortur.tech/feedback/>
- 4, Knowledge Base: <https://ortur.tech/KB/>