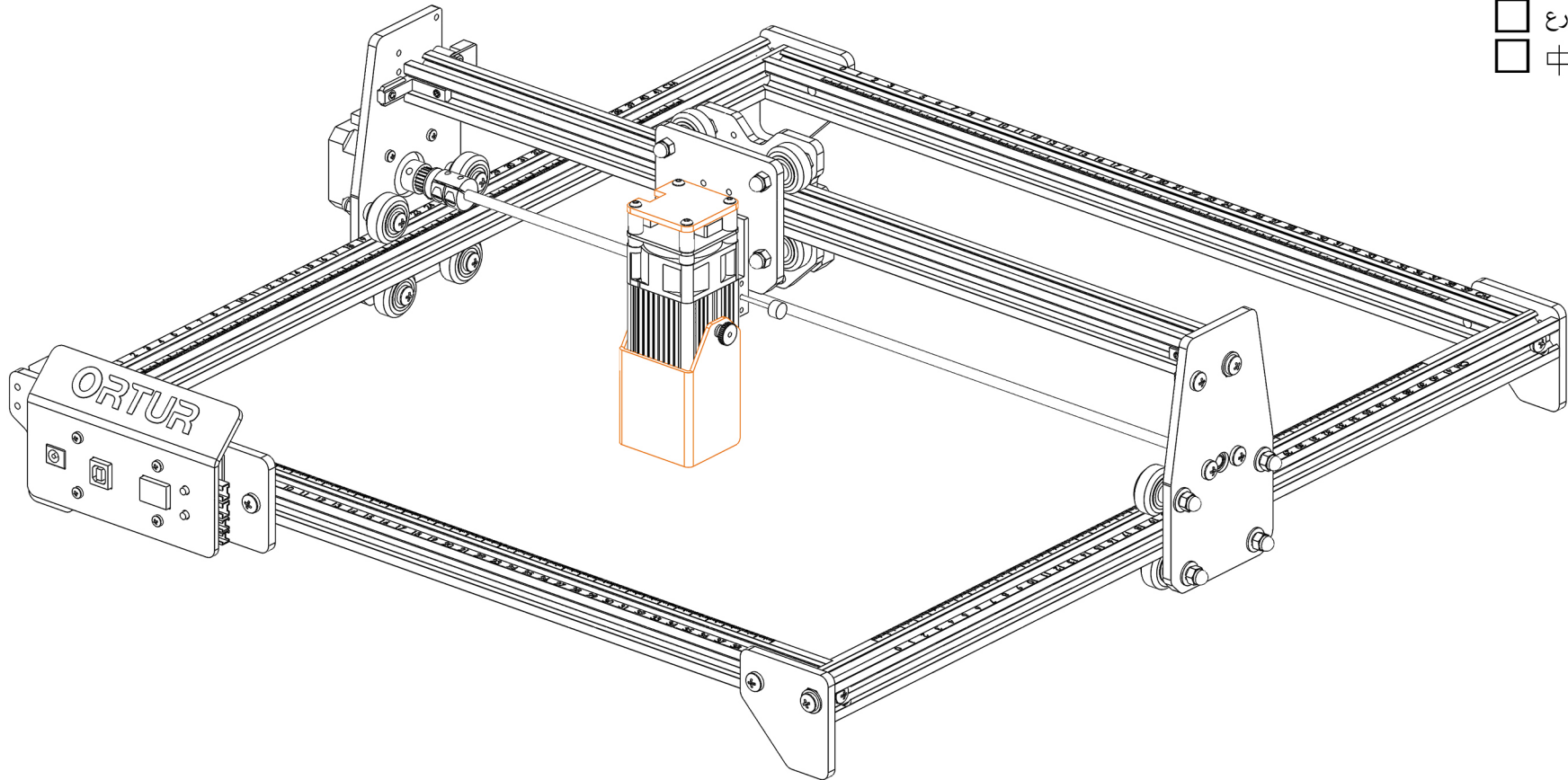




- ☒ English
- ☐ Deutsche
- ☐ Français
- ☐ Italiano
- ☐ Español
- ☐ Polskie
- ☐ русский
- ☐ português
- ☐ العربية
- ☐ 中文



Assembly Manual
LASER MASTER 2 - S2 **V1.2**

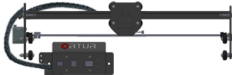
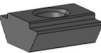


Safety instructions when using the laser engraver

1. The laser engraver could generate laser light. It is strictly forbidden to place any living body under the laser emission port (this port is marked with a yellow warning sign).
2. Patients with photosensitive epilepsy are prohibited from using or approaching this laser device.
3. When using the laser engraving machine, the operator and anyone near the machine must wear laser safety glasses. Do not operate the laser without eye protection (laser goggles).
Our machines come with a pair of safety goggles, but additional laser safety glasses can be purchased commercially.
Requirements for goggles: wavelength protection 400-445nm (+-5nm), outer diameter +5, minimum L-level L5.
4. When the laser engraving is working, the operator must pay close attention and not place it alone to prevent the engraved material from catching fire.
Please set up the laser engraver in a fireproof area to ensure good ventilation.
If possible, we recommend that you purchase a fire extinguisher and keep it close to the machine.
5. Use the laser engraver in a room that can be closed by a door, making sure that neither the laser beam nor stray light can penetrate the window.
6. When using the laser engraving, use the door sign or the warning light on the door to indicate that the laser engraving is running.
7. Make sure there is no flammable material near the laser engraving, we recommend using a fireproof mat as a working surface.
8. Ensure adequate ventilation when operating the laser engraving. Engraving certain materials may generate fumes, which should be exhausted using a dedicated filtered exhaust.
9. When the machine is running, do not touch the laser beam or touch it with other objects, which may cause serious bodily injury or beam reflection.
Do not touch the radiator, you may burn your body and hands when the laser engraver just stops working.
10. Do not let children or teenagers use the laser engraving alone (especially children under the age of 14), adult supervision is required at all times.
11. For commercial use, use and registration with regulatory bodies and professional associations is mandatory.
12. The operating temperature range of the machine is -5°C-50°C.



Packing List

 X aluminum profiles-464mm x2	 Base Anchors x3	 Y Limit Switch x1	 Pre-assembled Assembly x1	 Timing Belts x2	 M5 Profile Nut x1
 Y aluminum profiles-540mm x2					
 M5x20mm Screws x8	 M5x10mm Screws x5	 M5 Spacers x3	 Cable Ties x5	 2.0mm Allen Wrench x1	 Wrench x1
 Anodised Aluminum Plate for Adjusting Focus x1	 Power Adapter x1	 Split Wire Loom Insertion Tool x1	 Acrylic Plate for Testing x1	 Wooden Plates for Testing x4	 Brush x1
					 USB Cable x1
					 Laser Goggles x1

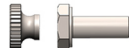
Option 1: LU2-2 Laser Module

 LU2-2 Laser Module x1	 Laser Shield x1	 Screws + Nuts x2	 Focal Gauge x1	 Thumb Screw x1
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Option 2: LU2-4-SF Laser Module

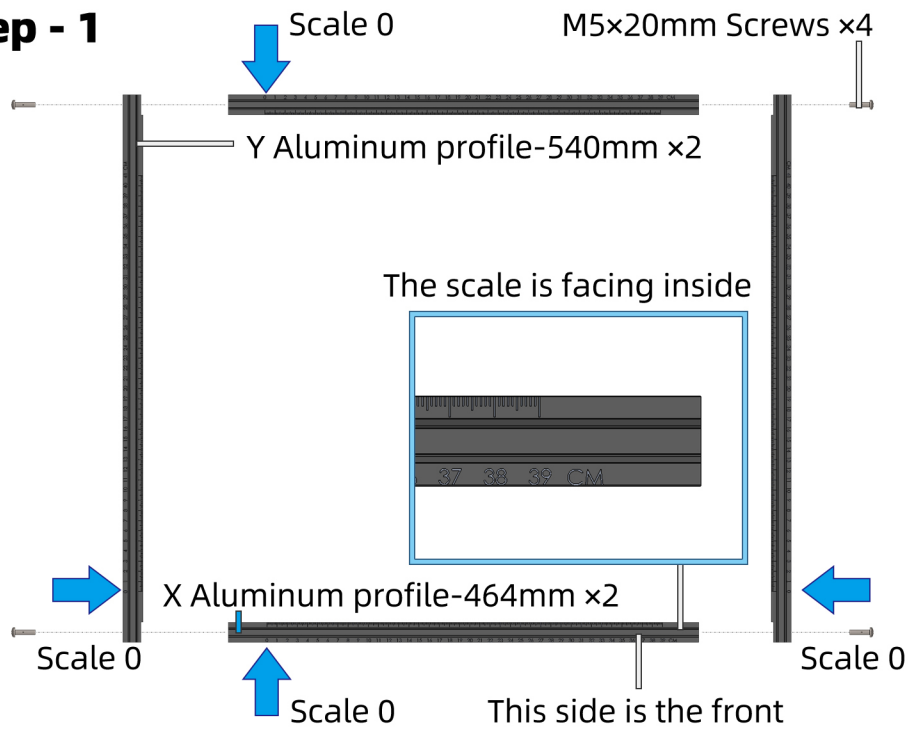
 LU2-4-SF Laser Module x1	
 Focal Gauge Board x1	 Thumb Screw x1

Option 3: LU2-4-LF Laser Module

 LU2-4-LF Laser Module x1	 Laser Shield x1	 Screws + Nuts x2	 Focal Gauge x1
 Thumb Screw x1	 Air Assist x1	 Air Flow Regulator x1	 Air Pipe x1
 Set Screws x2	 1.5mm Allen Wrench x1	 Quick Twist At Right Angle x1	 Pipe Connector x1

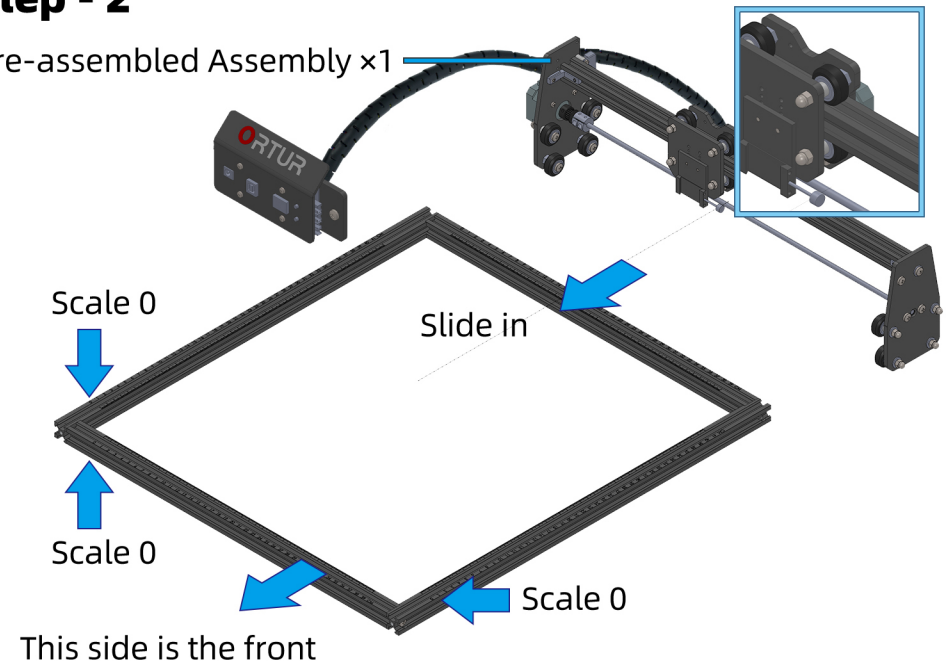


Step - 1

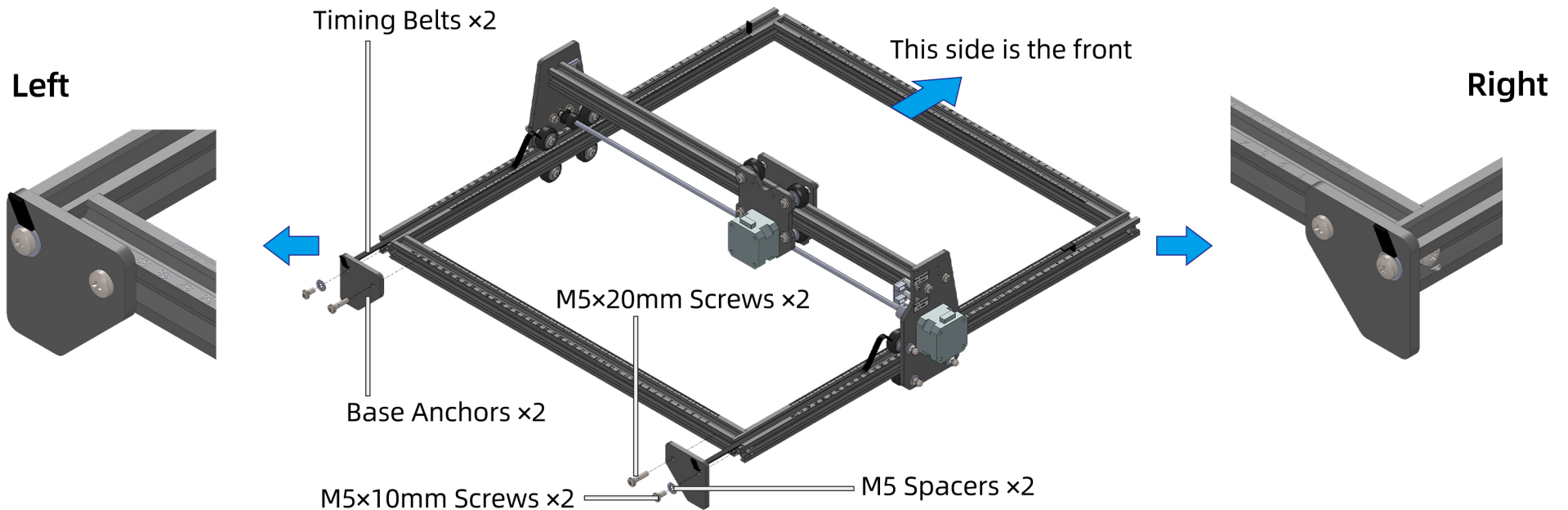


Step - 2

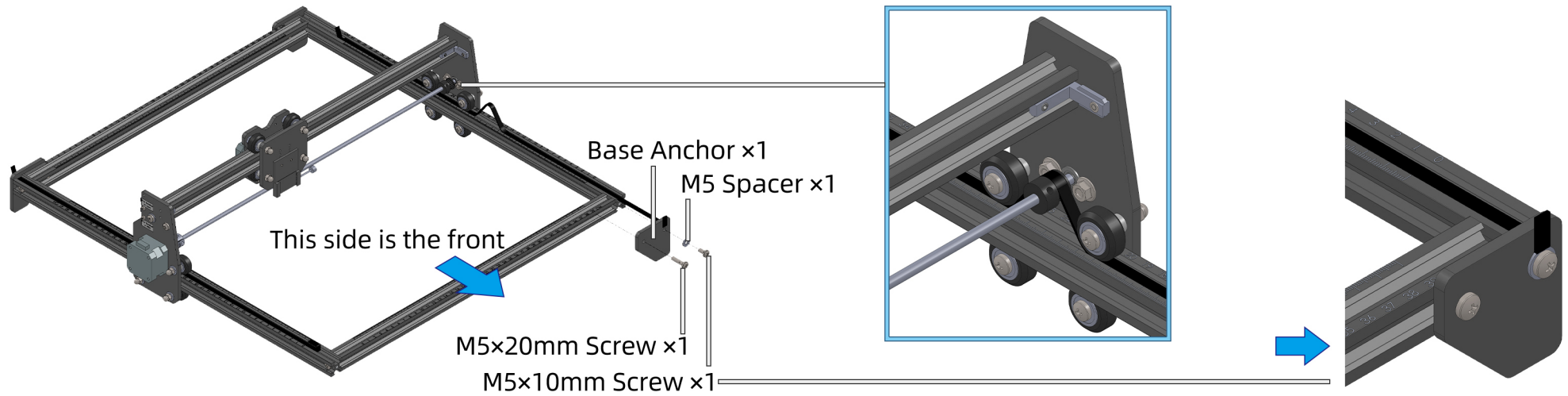
Pre-assembled Assembly x1



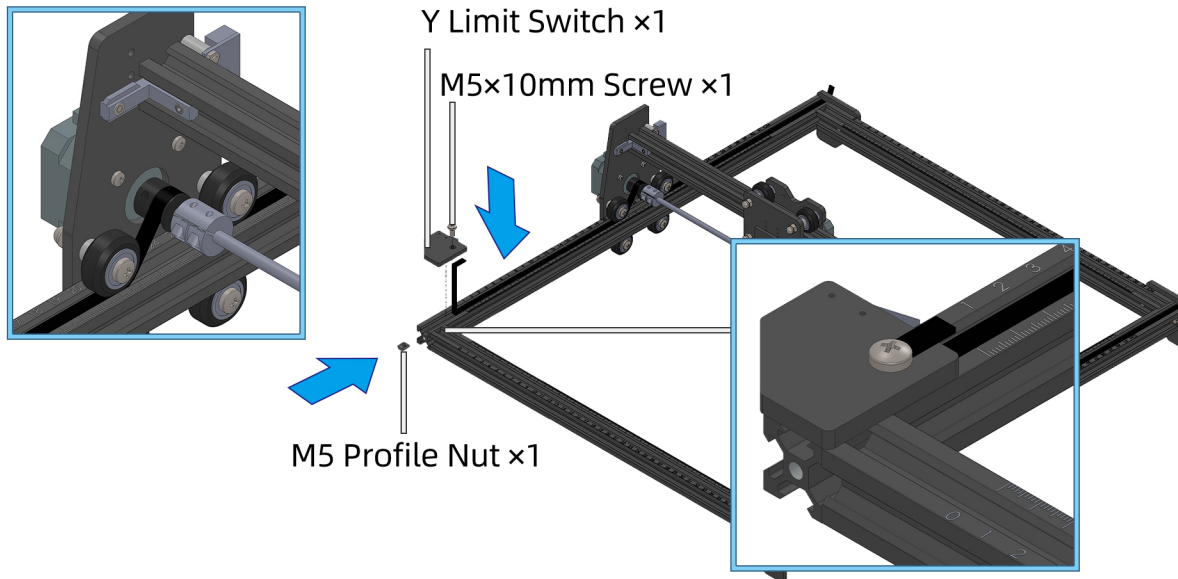
Step - 3



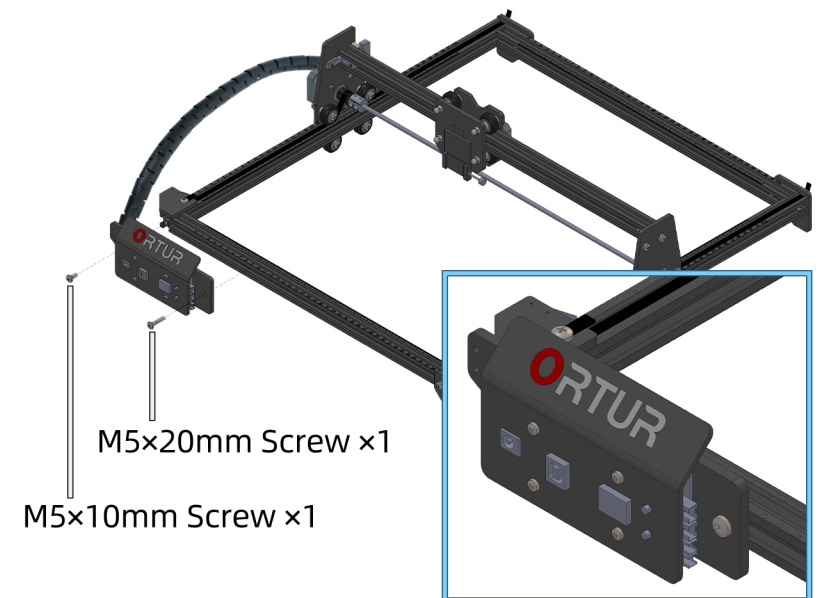
Step - 4



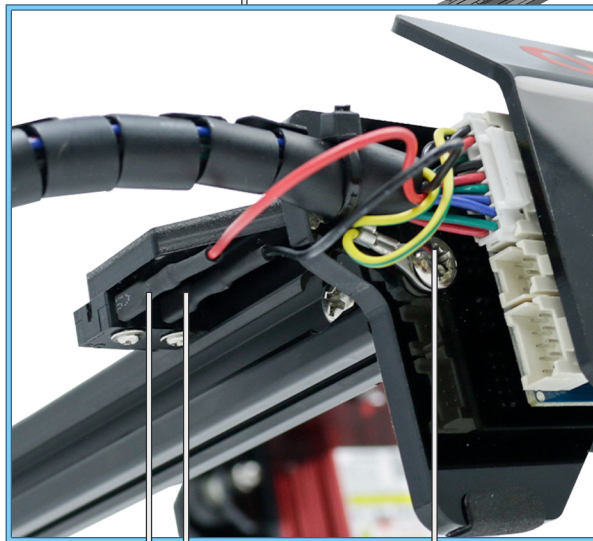
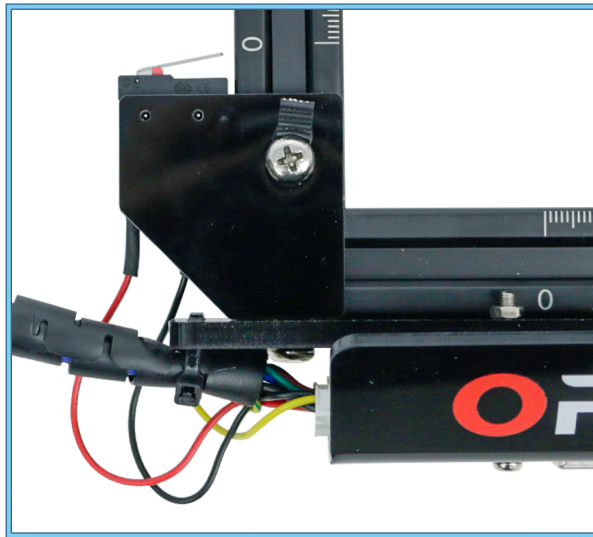
Step - 5



Step - 6

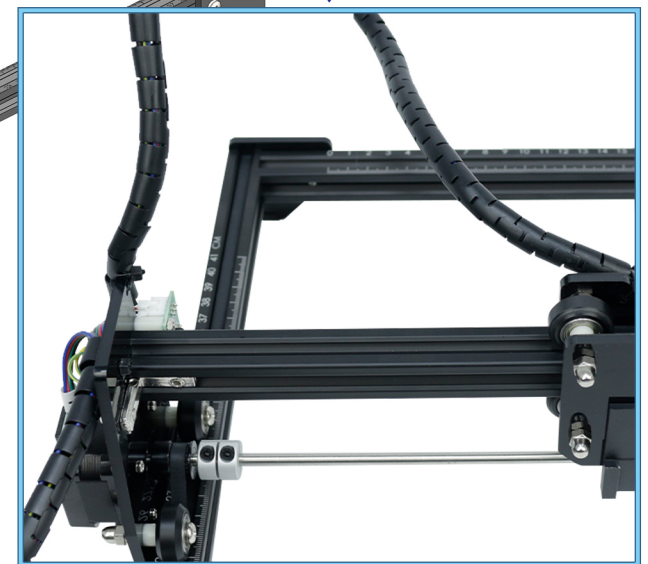
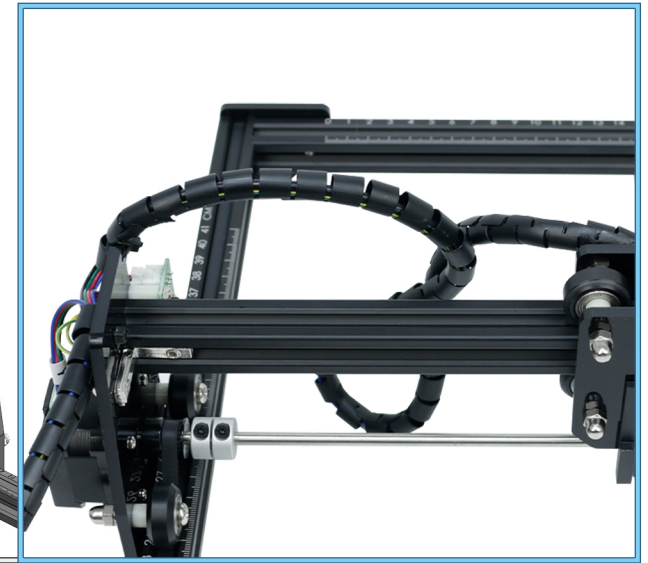
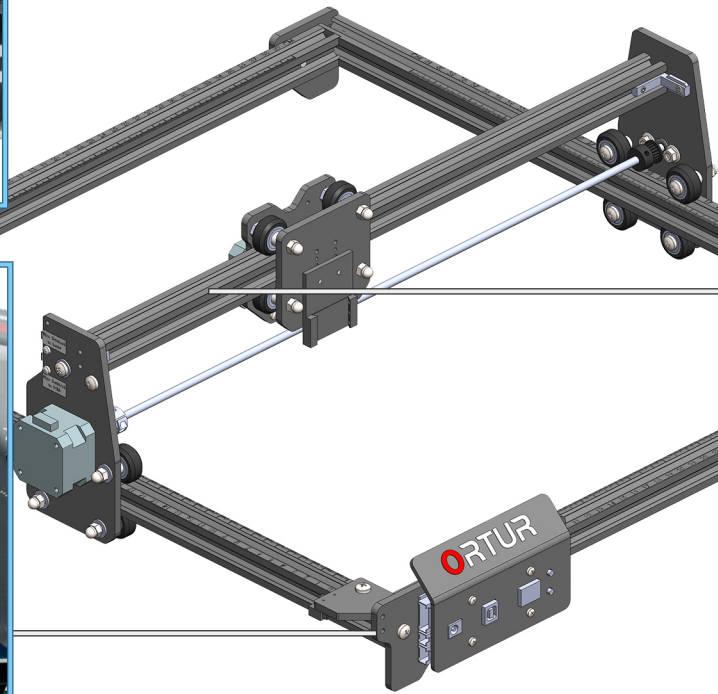


Step - 7



Red Black

Ground Wire

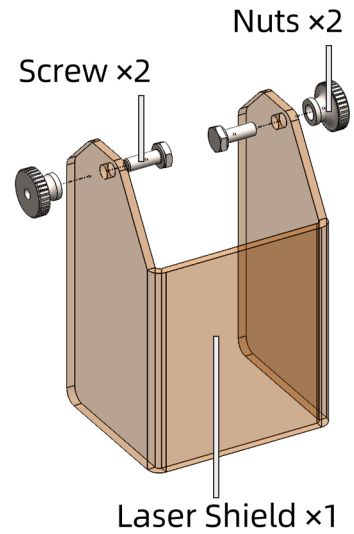


Turn the wiring harness up

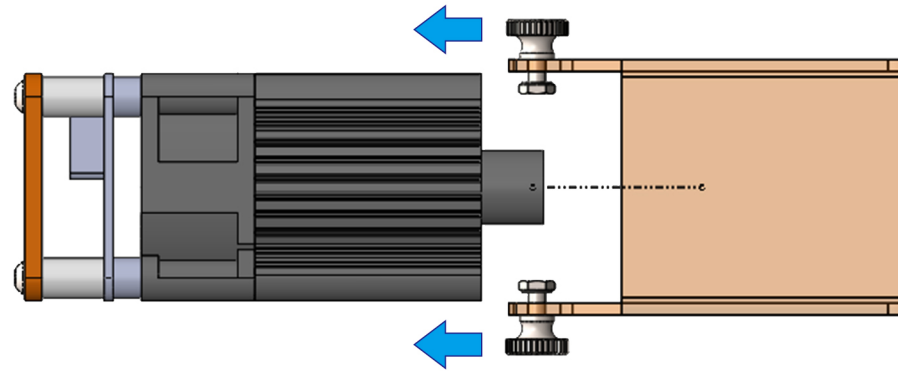


Option 1 : LU2-2 Laser Module

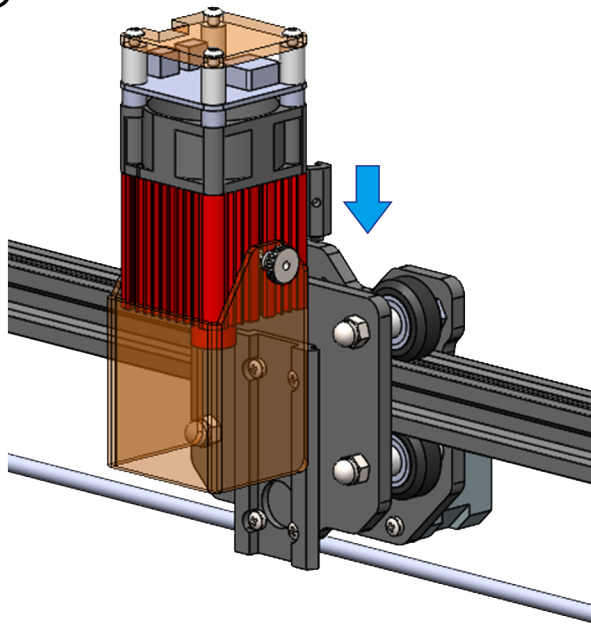
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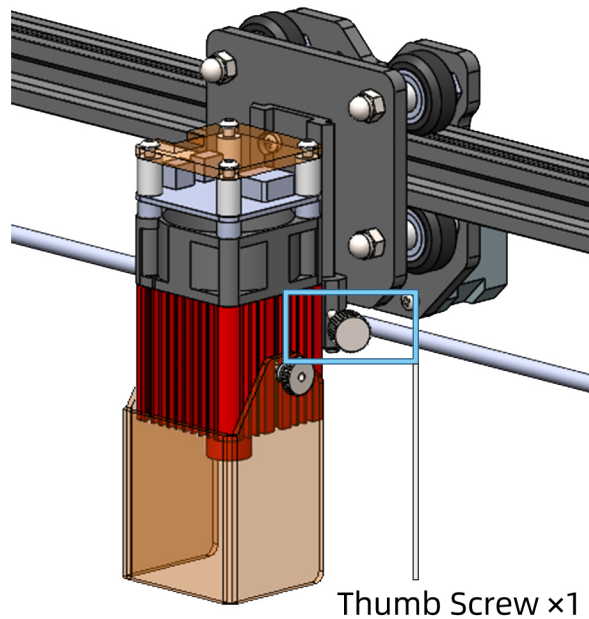
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③

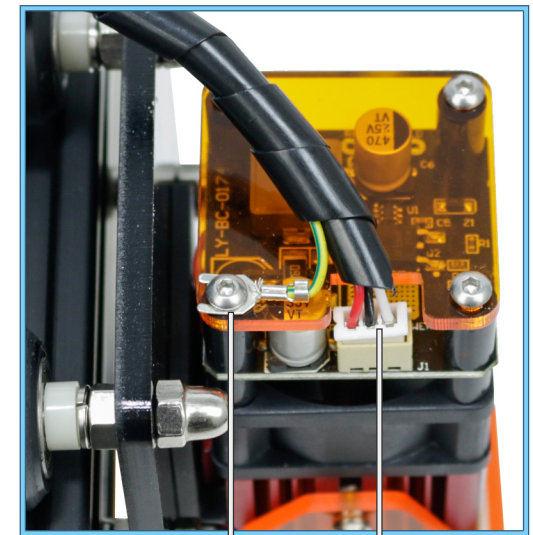


④



Thumb Screw x1

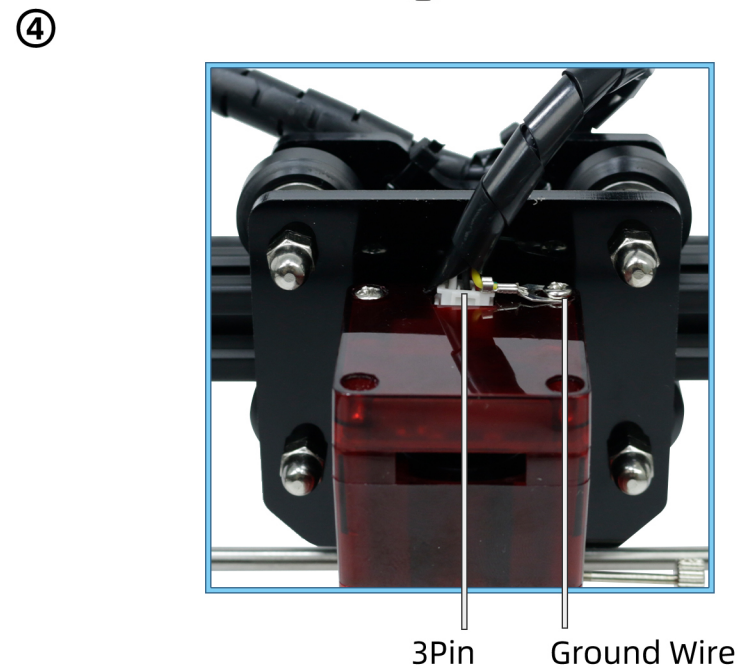
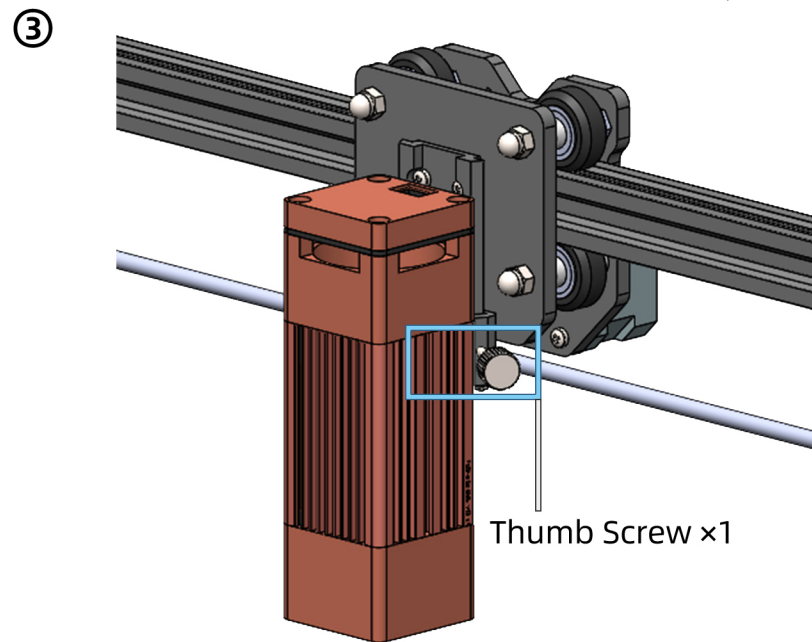
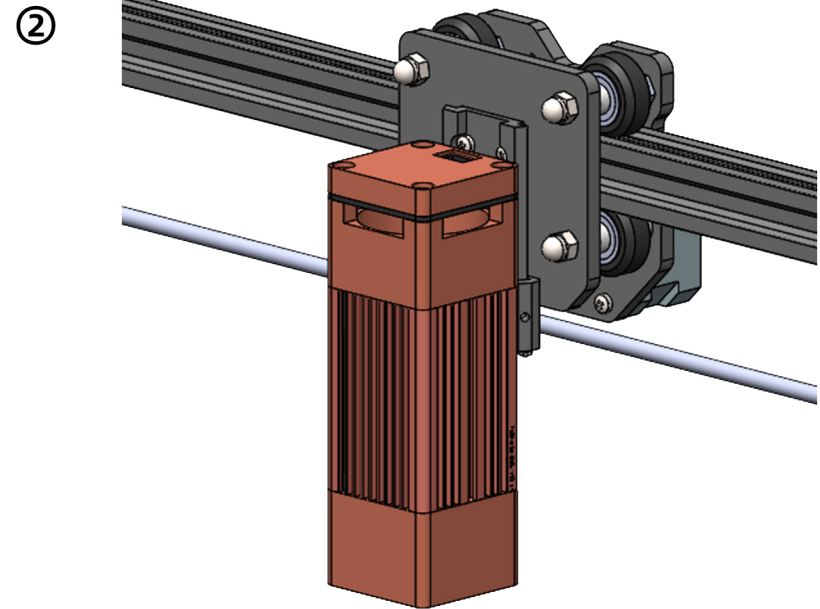
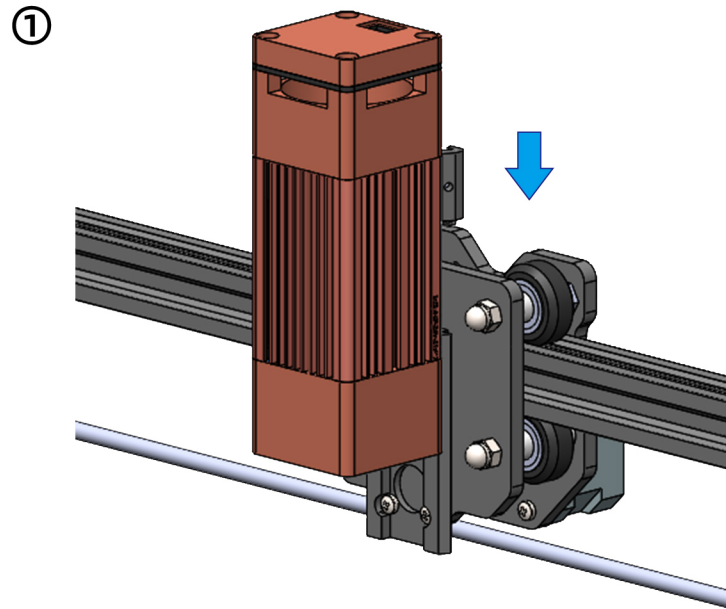
⑤



Ground Wire

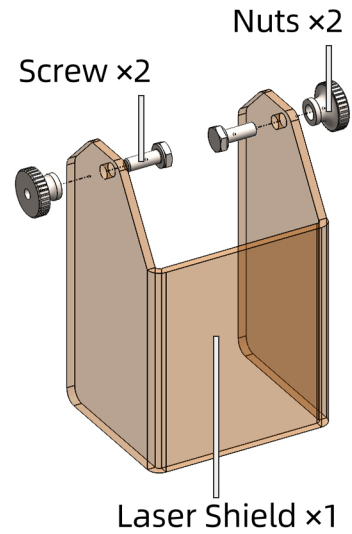
3Pin

Option 2 : LU2-4-SF Laser Module

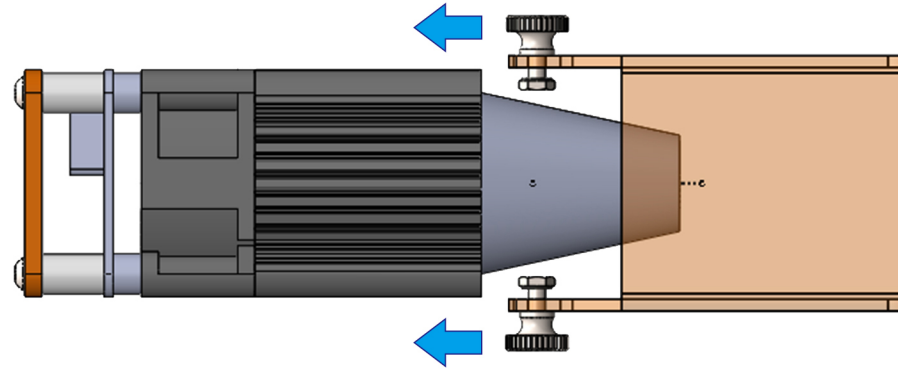


Option 3 : LU2-4-LF Laser Module

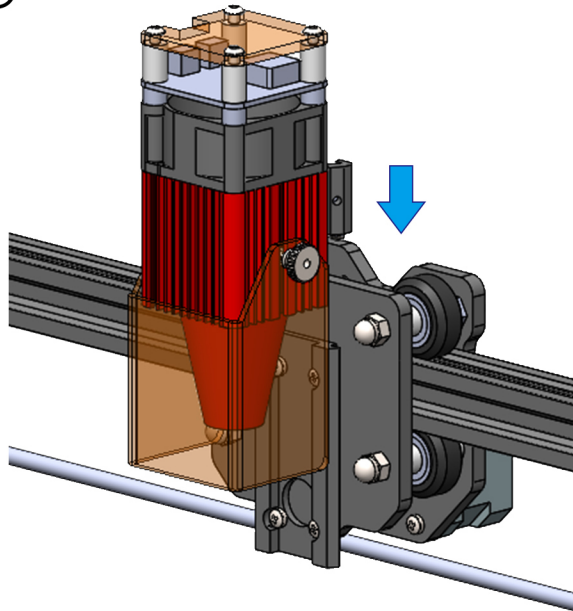
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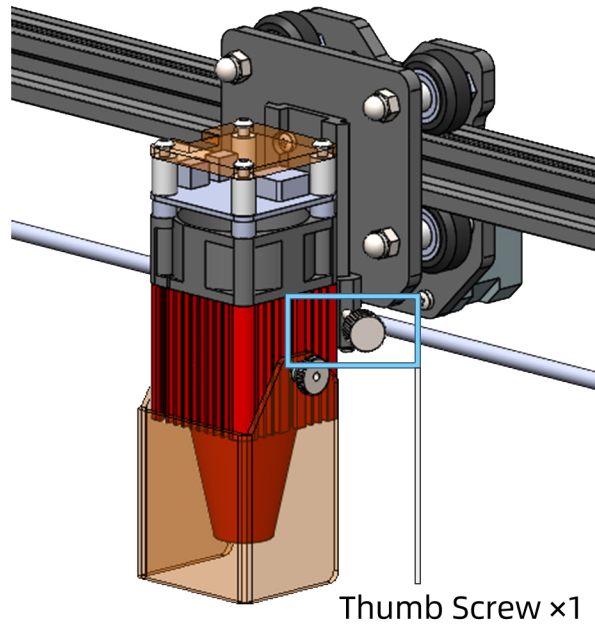
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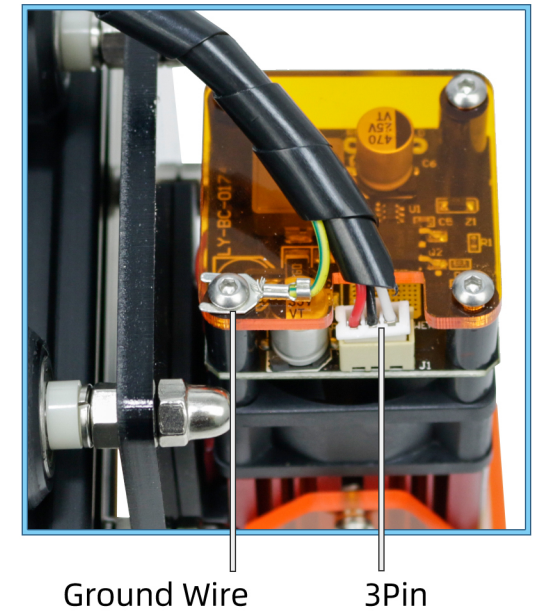
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④



⑤





Customer Support



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Tutorials_olm2s2



Feedback



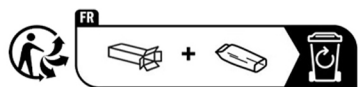
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 (AR) نبيصل ، غنودغن اوق ، 523558 ن اوقغنود ، غنبيغناشت ، يغانصل ايجولونكتلاو مولعلل نيچيور عمجم ، 1 مقر ينيم :ناونعلا
 (CN) 地址：广东省东莞市常平镇瑞金科技产业园1号楼 523558

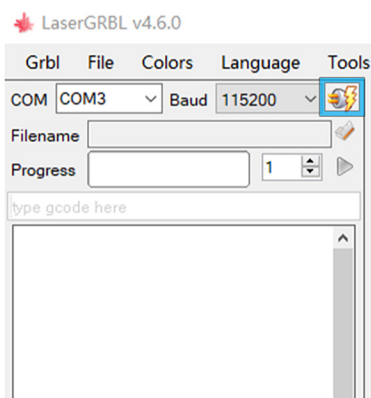


FDA CE FC RoHS MADE IN CHINA



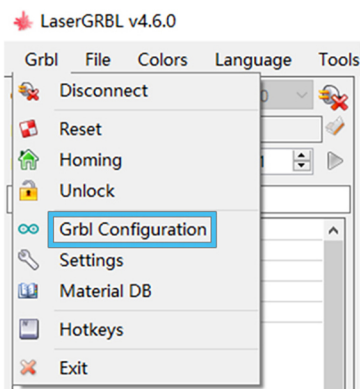
LaserGRBL: How to turn off the setting of "Auto power off after half an hour of standby"?

1



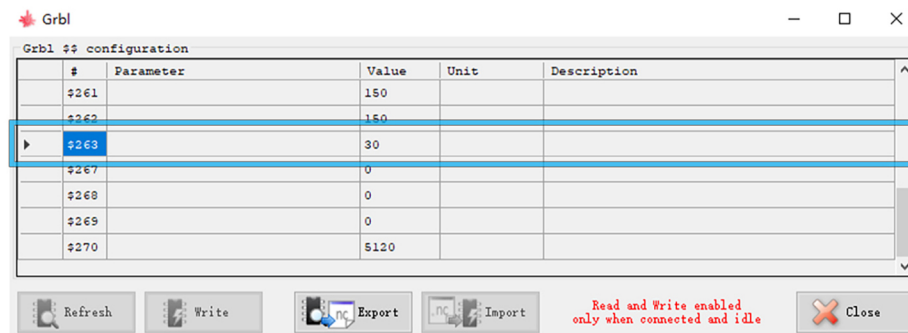
Power on, open LaserGRBL to connect the machine.

2



Click the "Grbl Configuration".

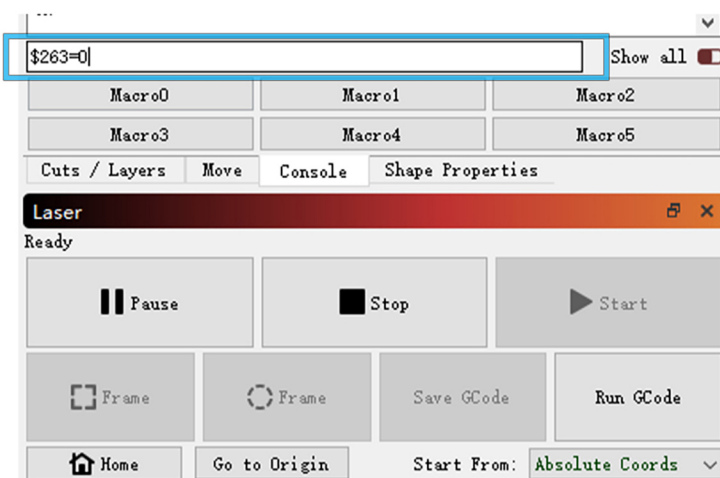
3



Change the "Value" of the "\$263" line to 0 and click "Write" to save, the setting to automatically turn off the machine after half an hour of standby will be turned off. Change the "Value" of the "\$263" line to 30 and click "Write" to save, the setting to automatically turn off the machine after half an hour of standby will be turned on.

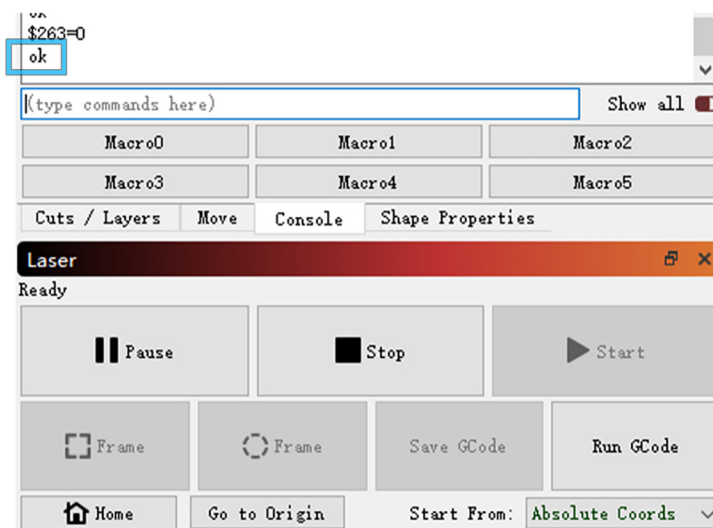
LightBurn: How to turn off the setting of "Auto power off after half an hour of standby"?

1



Power on, open LightBurn to connect the machine. Enter "\$263=0" in the "blue frame", "Enter" to confirm. If you want to open the settings, please enter "\$263=30".

2



"OK" appears, indicating that the setting of automatic shutdown after standby for half an hour has been turned off.

