

One step fiber cleaver user manual

Warning!

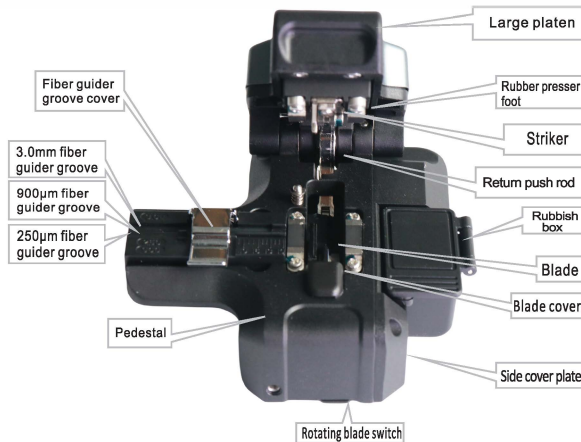
※ Please read this manual before operation.

- ※ Please collect fiber scarp with the specified container to prevent them into skin and eyes.
- ※ Do not touch the blade.
- ※ Do not disassemble or lubricate, please contact with the service department of maintenance.
- ※ Please gently to use, any bump that may affect the cutting quality.
- ※ Store it in a dry, clean place with the protective pouch.

Specification

Applying Fiber	Silica Optical Fiber (Special fixture is required when cutting ribbon fiber)
Fiber Type	φ 0.25/φ 0.9/φ 3. 0/3.0*2.0mm
Coating Diameter	125μm
Cleaved Length	9-20mm
Dimensions	85(W)×89(D)×45(H)mm
Weight	≈138g
Cleaved Angle	≤0.6°
Blade life	48,000 times

Structure



Operation



Figure1



Figure2

※ Press the large platen tightly, then turn the cleaver lock to the "on" side (As shown in figure 2) , then lift the platen. .

※ Open the cover plate of the optical fiber guide groove (Figure 3), place the optical fiber in the fiber guider groove, and align the boundary line of the coating layer with the measurement scale of the light cutting length. At this point, confirm whether the bare fiber part is straight. Finally, cover the fiber optic guide groove cover plate and clamp the fiber

※ Close the cover and clamp the fiber.

※ Press the large platen, triggered the switch, then the fiber is automatically cut off.

※ Release the large platen, then open the cover of the fiber guider groove while holding the fiber with your finger, and then take the fiber out. Then the blade will return to its initial state and ready for the next cleave

※ When storing the fiber cleaver, first press the large platen, turn the cleaver lock to the OFF position (As shown in figure 1), and then put the fiber cleaver in the box.



Figure3



Figure4



Figure5

Daily Using and Maintenance

- When using the cleaver, you must ensure that the rubber pressure foot and the fiber guider groove are clean and free of dust and impurities.
- Always clean the fiber at the front end of the slider (Remove the side panel and clean it with a brush), otherwise it may failure of the cleaver.

Change the angle of blade:

If cleaving quality descends (usually cleave 1000 to 1500 times), the blade may be worn. Please follow the step to adjust the blade angle:

※ Press the Large platen tightly and then turn the switch lock to the ON position to open it (Figure 1)

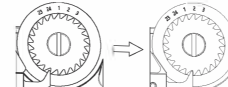
※ Use Fingers to push the front face changing push plate at the bottom of the cleaver towards the arrow direction (Figure A) , and then release the finger to spring back to the initial position (Figure A). When you hear a sound, the blade completes rotating one position (the blade is divided into 24 positions).



FigureA



Figure B



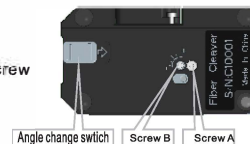
Blade angle changing

Notice:

When changing the blade position, don't touch the blade with your fingers, as it may be harmed. Do not use metal tools (tweezers, etc.) to rotate the blade, as it may damage the blade.

Adjusting the height of blade:

- ※ Loosen the screw A.
- ※ Adjust the blade height by adjust the screw B to a suitable height.
- ※ Tighten the screw A.



Notice:

- To adjust the height of the blade, loosen screw A and turn screw B clockwise.
- When the blade height is to be lowered, loosen screw A and turn screw B counter clockwise.
- When adjusting the height of the blade, please turn the screw B while pressing down the blade with a cotton swab, and tighten the screw A at last.
- Please be careful not to adjust the height of the blade too high, otherwise it will hit the Striker, cause damage to the blade and affect the cutting quality.

Replace the blade:

- ※ When the blade circulation is used, and you cannot improve the cleaving quality by changing the angle of blade and adjusting the height of stud, the blade needs to be replaced.
- ※ Remove the three side cover plate screws E (Figure 7) and remove the side cover plate (Figure 8)
- ※ Remove the blade cover and pressure screw C, and use rubber tweezers to remove the blade and rotating gear (Figure 9).
- ※ Separate the blade from the rotating gear (Figure 10) and replace the old blade with a new one from the original factory.

Notice

- Please use the original blade, otherwise it may cause manual face-changing to fail or poor cutting quality.
- The blade is made by precision grinding, and if the blade collides with metal, it may be damaged or lacking, which prevents it from performing its normal cutting performance. Please be careful when using it.
- Use gloves before picking up the blade, don't touch it directly with your hands.
- Please distinguish the replaced old blade from ordinary garbage and discard it correctly.
- ※ When installing a new blade, make sure that the scale number "1" is facing upwards. Place the installed blade and rotating gear on the blade holder and slide them into the groove. Then, align the middle hole of the blade with the screw hole of the press blade.
- ※ Tighten the screw C to secure the blade.

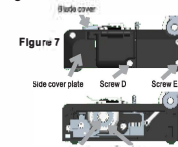


Figure 7



Figure 9



Figure 10



Figure 8

Ruber presser foot replacement

- Remove two support block screws D
- Remove the support block (Figure 11).
- Remove the 2 push rod screws E
- Remove the push rod (Figure 12)
- The Large platen can be opened by 90 degrees (Figure 13), and the rubber presser foot can be replaced.



Figure 11

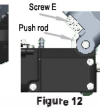


Figure 12

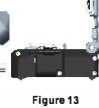


Figure 13

Conventional issues and solution

The phenomenon of issues	Conventional issues and solutions
Fiber cannot be cut though	1. Clean rubber presser foot 2. Elevate the height of blade 3. Clean the blade edge
The end face has fillet	1. Elevate the height of blade 2. If the rubber foot abrasive wear or aging please replace them.

※ If there are still cleaving quality issues after adjusting according to the above method, please contact after-sales service.

Product List

Name	Quantity
Fiber cleaver	1
1.5mm hexagon wrench	1
Packing box	1
Manual	1