

Manual

Safety instructions

This product is designed on the basis of full consideration of safety. To ensure the safe use of this product, please be sure to read and comply with the following items, and please put it in a place that you can reading at any time.

- 1.Please use the fiber cleaver carefully, because the cleaver is precision machinery, percussion and landing (strong impact) may damages the machinery and reduce performance.
- 2.Please carefully and wear the protective glasses when you operation the fiber cleaver. Because the fiber and fiber optic chips are very thin and sharp, and it will be damage you when it into your hands or eyes.
- 3.Please leave the fiber-optic chips in a separate place that is separate from the common trash.
- 4.Please don't touch the blade in the cleaver, because of very sharp.
- 5.It's one of fault reasons that the lever cap be impacted
- 6.If mechanical failure or abnormal behavior, please stop using. Do not disassemble or refit, and contact the service department of the manufacturer.

Product profile

product	Fiber cleaver
optical fiber cladding diameter	125 μ m
Coated outer diameter	Single core
The length required to be removed before optical fiber cutting	Fiber cutting length ≥18mm
Fiber cutting length	5-20mm
Fiber cutting angle	≤0.8°
Blade life	48000 次 (1000timesx16positionx3high)
Size	73x80x61mm
Weight	420g
The jip	Four in one multifunction jip

Product composition

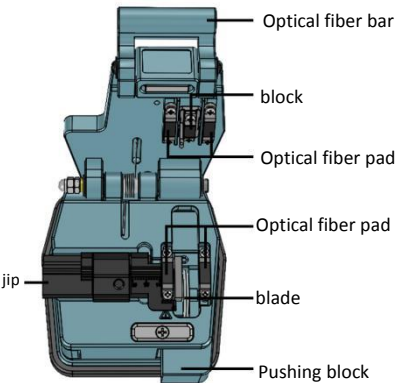
option/consumable

fiber cleaver
One piece fiber cleaver
fiber cleaver bag
Specification

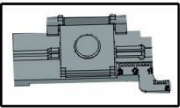
optical fiber pad block
Four in one multifunction jip
Blade mode RB-325
The bin (option)

Structure

<fiber cleaver>



Four in one multifunction jip



The bin

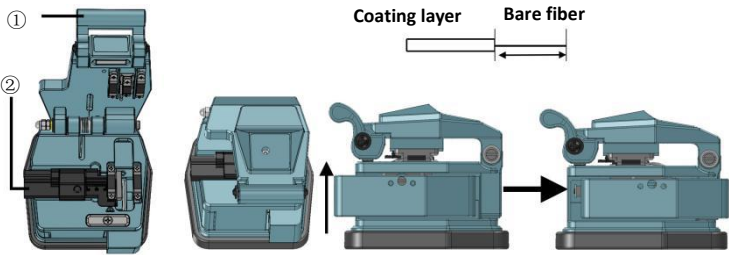


Operation step

- 1.Lift the fiber rod and open the clamping of the four - in - one multifunction fiber clamp.
- 2.The optical fiber is placed in the groove of the fiber-optic clamp and the length of cutting is cut as required, and the fiber coating layer is used to remove the alignment of the boundary and clamping device(like as the boundary line and the scale of 16mm when the cutting length is 16mm) At this point, make sure the bare fiber part is straight.
- 3.Cover with optical fiber clamping device to clamp fiber.
- 4.Close the fiber pressure plate, and put down the fiber press bar to push the blade to the inside to cut off the fiber.
- 5.Lift the optical fiber press rod, open the fiber pressure plate cover, hold the fiber with the hand, open the clip cover of the fiber clip to remove the fiber, do not forget to take out the fiber chip. (put the fiber debris in the bin if the cleaver with bin)
- 6.The slide track automatically spring back to the front position.

①Optical fiber bar

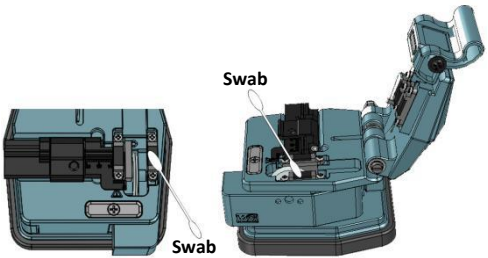
②jip



Maintenance

Cleaning method

In order to keep the cutting performance of the fiber cleaver, clean it after use and wipe the blade, fiber pad and pillow block by cotton swab with alcohol.



Attention

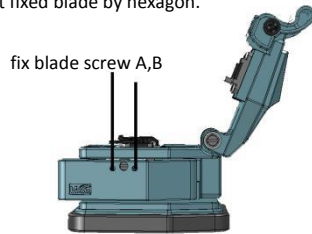
- It's a reason to reduce cutting performance when the dust in blade and jip, maybe not get good position.
- Please don't use others except alcohol when cleaning.
- It's a reason to reduce cutting performance when the dust in blade and fiber pad.

The adjustment of the blade

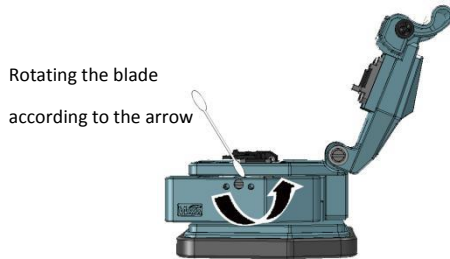
In the case of can't cutting fiber, the end surface shows broken fiber and disintegration continuously, please adjust the blade position as follow.

(reference) Every position cutting time: 3000times(the blade height can adjust three times)

1.Loosen the screw A and B that fixed blade by hexagon.



2. Rotate the blade to a new position, and press the side of blade by the swab and push the side of the blade to the outside, then can get a new position easy.



Attention

- Don't touch the blade by your hands.
- Don't rotate blade by the metal tools(like tweezers)
- The blade will be damaged more possible if you use metal tools

3. Tighten the screw A,B of fixed blade.

(reference Torque: about 0.59N.m (6mkgf.cm))

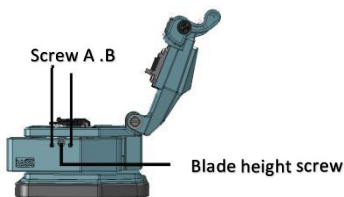


Attention

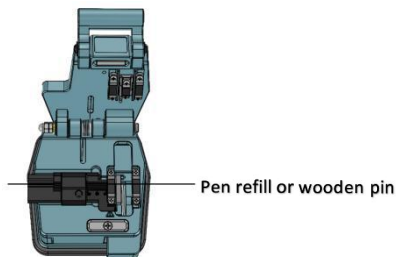
The adjustment of blade height

- Please don't tighten the blade too much, may cause the screws to break.

1.Loosen the screw A and B by hexagon.

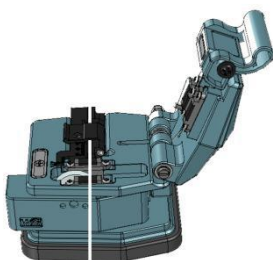


2. Please flat the pencil refill or wooden pin down on optical fiber pad, and push the block, and rotating the screw by straight screwdriver (as shown). The highest point of the blade and pencil lead or the height of the wooden stick first catch as a reference point



Explain

- The blade is adjusted to higher and the screw rotated according to counterclockwise.
- The blade is adjusted to lower and the screw rotated according to clockwise.



Pen refill or wooden pin



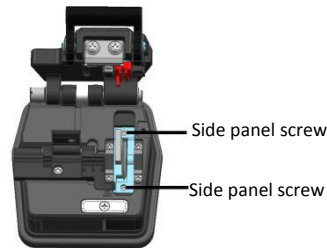
Attention

- Please don't adjust blade place too high, it will be damaged block and position.

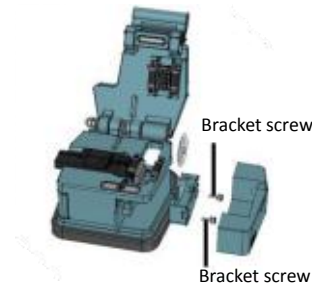
3.Please tighten correctly the A,B and C screw(reference: about 0.59N.m (6mkgf.cm))

Blade replacement

1.Unscrew side plate fixing screw and remove the side panel.

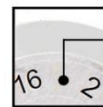


2.Loosen the bracket screw and remove the holder and blade.



3.Put back the blade and holder,tighten bracket screw,then put back the side panel and tighten side panel screws.

4.Install the new blade, make the mark 1 up, tighten the blade and fix the screw.



Enlarge figure

The first side

5.The adjustment is made by referring to the blade and height adjustment.

- Please pay attention when using or replacing. The blade is precision grinding. It will be damage the edge of the blade when touch the metal accidentally, also may affect normal the function.
- Please pay attention and don't touch the end of blade when you use tweezers.
- Please wear the gloves when you take the blade not with your hands.
- Please distinguish between the old blade and normal rubbish.

Troubleshooting

Bad cutting angle maybe caused by the following reasons

A.The fiber is not straight when the fiber is installed on the fiber cleaver (Please put the fiber straight.)


B.The blade place too high(Please adjust the blade height)


C.There is dust and others in the fiber pad or block(Please clean the pad and block)


D.There is dust in the blade(Please clean the blade)


E.There is dust in the fiber(Remove the fiber coating and wipe the bare fiber parts seriously).

Please contact the after-sales department of our company when the cutting problem occurs continuously.

 good cutting end face

 bad cutting end face(large cutting end face)

 bad cutting end face (The cutting end has a burr)

 bad cutting end face (The cutting end is damaged)