

Optical Fiber Cleaver User Manual

Warning!

- Please read this manual carefully before operating.
- Please collect fiber scrap 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 manufacturer for maintenance.
- Please gently to use, any bump that may affect the cutting quality.
- Store it in a dry, clean place with the protective pouch.

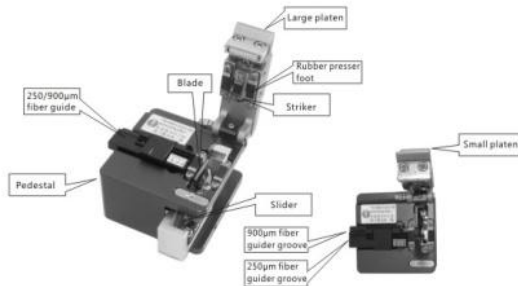


Specifications

Appling Fiber	Single fiber
Fiber Type	0.25-0.9mm optical fiber
Coating Diameter	125μm
Cleaved Length	9-24mm
Cleaved Angle	≤0.5°
Blade Life	36 , 000 cleaves
Mode	Semiautomatic
Dimensions(W×D×H)	62×67×58mm
Weight	≈400g

* Specifications subject to change without notice

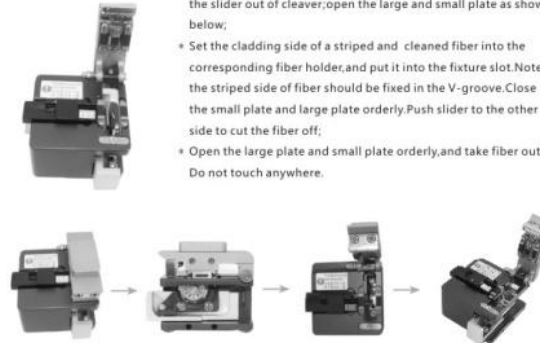
Structure



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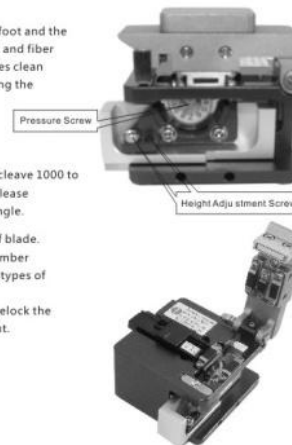
Operations

- Put container from the storage position to the work position; pull the slider out of cleaver; open the large and small plate as shown below;
- Set the cladding side of a striped and cleaned fiber into the corresponding fiber holder, and put it into the fixture slot. Note: the striped side of fiber should be fixed in the V-groove. Close the small plate and large plate orderly. Push slider to the other side to cut the fiber off;
- Open the large plate and small plate orderly, and take fiber out. Do not touch anywhere.



Daily Using and Maintenance

- Must ensure that the rubber presser foot and the fiber guide groove are clean (no dust and fiber debris). Keep the fiber contact surfaces clean by using alcohol cotton or cloth during the process of cleaving.
- 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.
 - Loosen the compression screw of blade.
 - Rotate blade to the next scale number (generally there are 12 or 16 two types of blade).
 - Hold the side-face of blade and relax the screw to complete the adjustment.



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Adjust the height of blade

- Please unscrew two screws as picture.
- Use hexagonal spanner to loosen.
- Adjust bolt as picture to adjust height of blade.



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 screw and gasket of blade.
- Turn blade to the tool holder side, then hold side faces of blade and take it out.
- Replace the Used blade by a new one, and then screw the gasket and screw on. Note: DO NOT let the blade touch with anything!



Failure removal

Cleaver common failures:

The phenomenon of failures	The failure Cause and Solution
Fiber cannot be cut through	1. Clean rubber presser foot; 2. elevate the height of blade;
The end face has fillet	1. Elevate the height of blade; 2. If the rubber foot abrasive wear or aging please replace them.
The end face has shadow or incline angle is too big	Adjust the height of blade.
Core missing	Lower the height of blade.

- According to the method above to adjust the cleaver, if there still have problem about cleaving quality, please contact our service department;
- If the slider does not move smoothly, rubber presser foot cannot close tightly, and striker device has obstruction problems, please contact the service department.