

# Instruction Manual of Precision CLEAVER

Read this description, before using the Cleaver . Keep description with precision Cleaver.

## Usage and Safety Regulation

Using Precision Cleaver, please be cautious of the following particulars and prevent your body and property from harm and use carefully and usefully.

Keep Precision Cleaver away from water.

Place Precision Cleaver away from humid and dusty place.

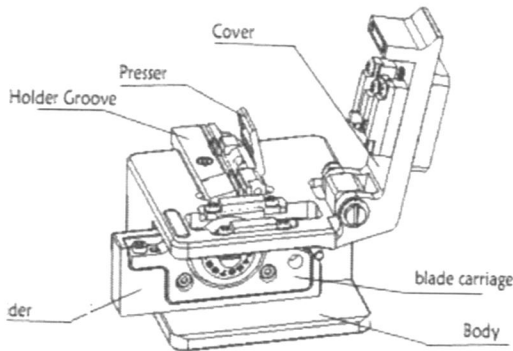
High temperature causes transforming, so keep it in normal temperature.

Be careful with serious impact on it.

To change to multimode, use the wrench enclosed with the product to change a holder. Make sure that you fasten with the bolts properly.

Be sure that the stripped fiber length should be at least 12mm or longer.

Try not to use acetone or solvent when you clean the rubber pad.



**CONSTITUENT:** Precision Cleaver Assembled Body Fiber Holder (Single mode): Fixed on the Body, Carrying Case Instruction Manual Wrench (1.5mm)

## •Operation Procedure of Product.

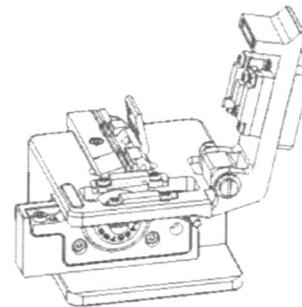
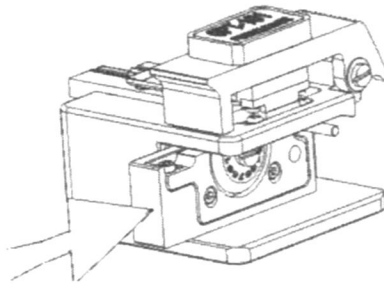
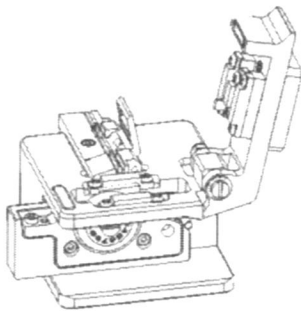
1. Open the body cover, and put the stripped fiber on the v-groove. And make sure that the cleave length is set as

per operators' intended length.

2. Close the cover firmly to cleave the fiber. And open the cover and take out the cleaved fiber from the v-groove with care. Make sure that operators should be careful not to touch the cleaved fiber's end.

3. For the continuous operation, remove the debris of cleaved fiber.

Operators are required not to touch the tip of the cleaving blade.



## Blade Replacement & Blade Position Adjustment.

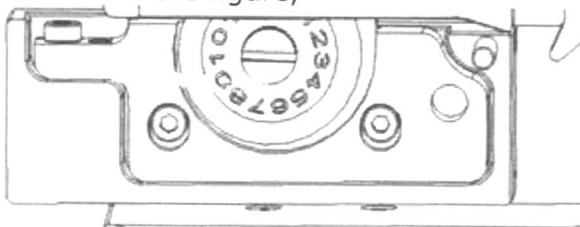
\* On the edge of the blade, the cleaving position from 1~12 is marked.

\* When it does not cleave the fiber normally, clean the cleaving edge part, and rubber pad with alcohol-soaked cotton. (But, when cleaning rubber pad, do not use acetone or solvent)

\* And if it still does not cleave, it means the cleaving edge is fully used, operators are required to change the cleaving position by the following order.

### A. Cleaving Position Adjustment

As shown in the figure,



1. open the cover and make the blade carriage come out to the front of the body and hold it tight with hands.

2. Release 2 set screws (1st setscrew location: left of CAM, 2nd setscrew: backside of blade carriage).

3. Rotate the blade to the counter-clockwise. The

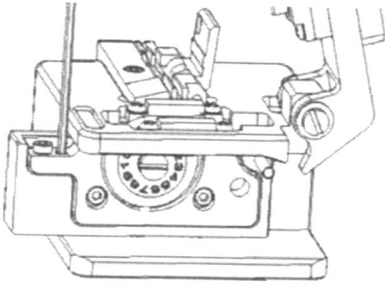
blade is originally fixed on "position 1". Treat the blade with care not to touch the tip of the

blade.

4. Take the reverse order. (Fasten the setscrew with equal strength)

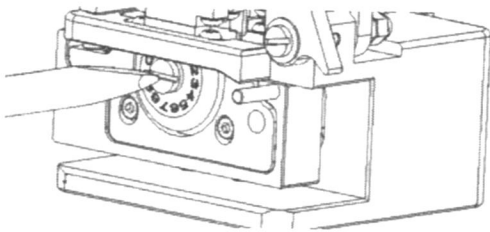
### B. Blade Height Adjustment

1. As shown in the figure, open the cover and make the blade carriage come out to the front of the body and hold it tight with hands.



2. Release the setscrew and turn the Cam clockwise to the next line. The blade height is moved up 0.05mm. Operators are able to adjust the blade height two times.

3. Take the reverse order. (Fasten the setscrew with equal strength) The blade done 2 times blade height adjustment should be replaced.



### C. Blade Replacement

1. Hold the cleaver body as shown on the figure and release 2 set setscrews (1st setscrew location: left of CAM, 2nd setscrew: backside of blade carriage) And the CAM should be separated from the blade carriage using M2 bolt.

2. Hold the cleaver body as shown on the figure and take out the used-up blade. Treat the blade with care not to touch the tip of the blade.

3. Clean the new blade and take the reverse order to connect the replacement blade. Confirm whether the blade position is in 1 and fasten the setscrew.

※ Caution: Please do not touch up any screws or any other parts to fix this machine by yourself.

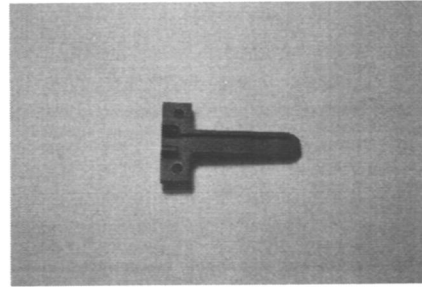
## Optic Fiber Fusion Splicer

### Instructions of 3 in 1 Multipurpose Optical Fiber Fixture

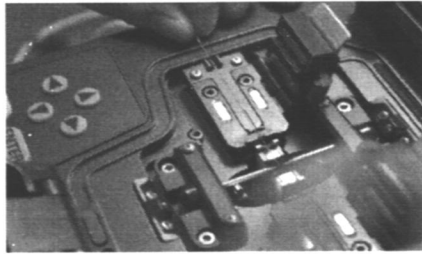
We design the article to be compatible on the basis of normal use. In order to make sure you can use it rapidly and correctly, we advise you reading the instruction firstly. This fixture is compatible with both Bare fiber, Pigtail(0.9,2.0,3.0) and Rubber-insulated wire. The illustrated details are as follows:



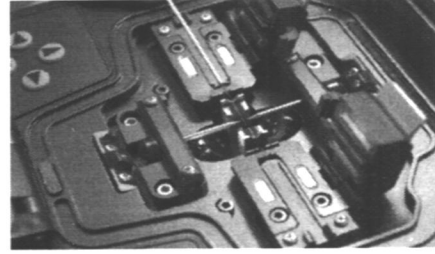
(1)



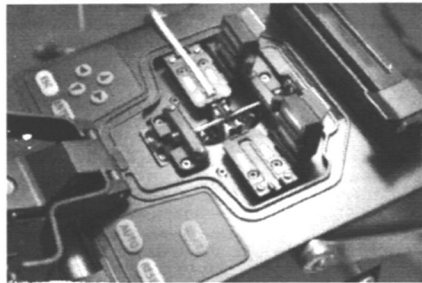
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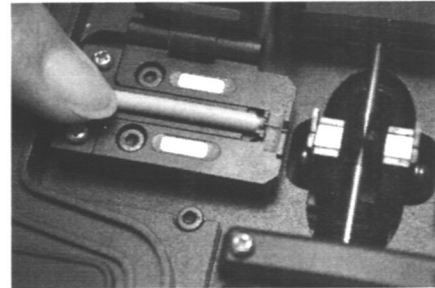
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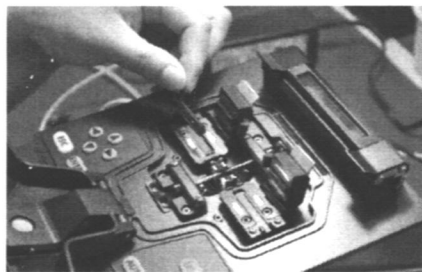
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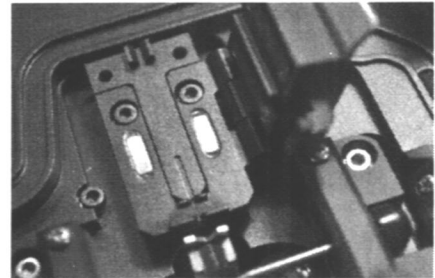
(5)



(6)



(7)



(8)

General guide groove (Figure 1) is the Face A, it is the face of splicing for Bare fiber and Pigtail. Face B is showed as Figure 2, it is the face of splicing for Jumper wire and Rubber-insulated wire.

- 1 Basic operation of splicing.
  - 1) Face A is used for splicing of Bare fiber and Pigtail(inner of Pigtail).Wires are placed as Figure 3 and Figure 4 showed.
  - 2) Face B is used for splicing of Pigtail (2.0, 3.0, outer of Pigtail) and Rubber-insulated wire. Wires are placed as Figure 5 and Figure 6 showed.
  
- 2 Replacement of General guide groove A and General guide groove B.
  - 1) Rive the screw of the fixture, as Figure 7.
  - 2) Overturn the general guide groove.
  - 3) Tightening the screw.