

# Introduction of Precision CLEAVER

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

## Basic Features

Fiber Types	All fiber types
Fiber Count	Single fiber
Clad Diameter	125 um
Coating Diameter	250 to 900 um
Cleave Length	Fixed length 10 & 16 mm, Variable length 3 to 20 mm
Blade Life *1	48000 fibers (2000 fibers×24 positions)
Cutting Angle	≤0.5°
Weight	266g
Dimensions	60W×57D×46H mm

## 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.

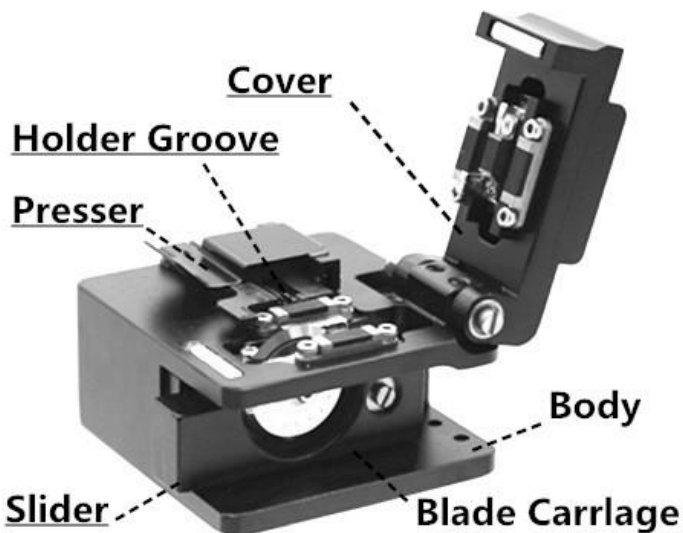
Keep Precision Cleaver away from water.

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.

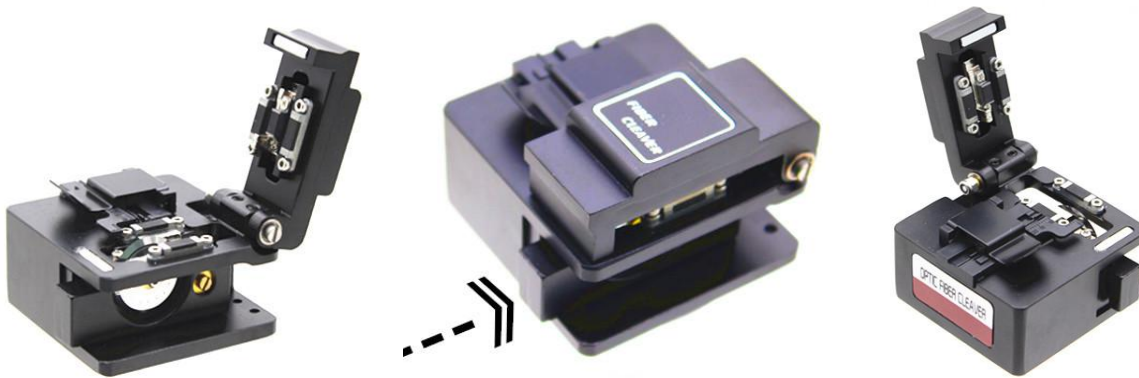
**CONSTITUENT:** Precision Cleaver Assembled Body Fiber Holder (Single mode): Fixed on the Body, Carrying Case Instruction Manual Wrench (1.5mm)

### •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.

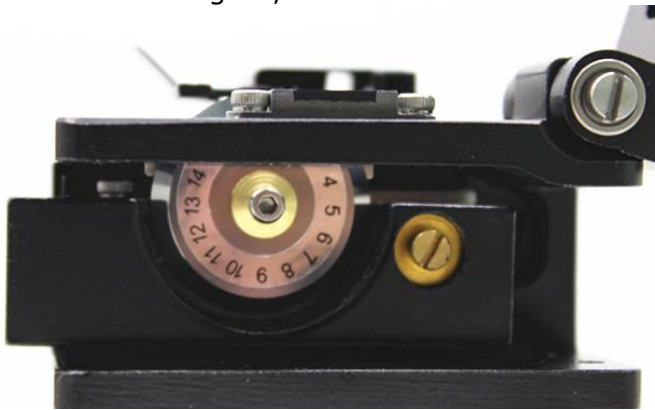


### **Blade Replacement & Blade Position Adjustment.**

- \* 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

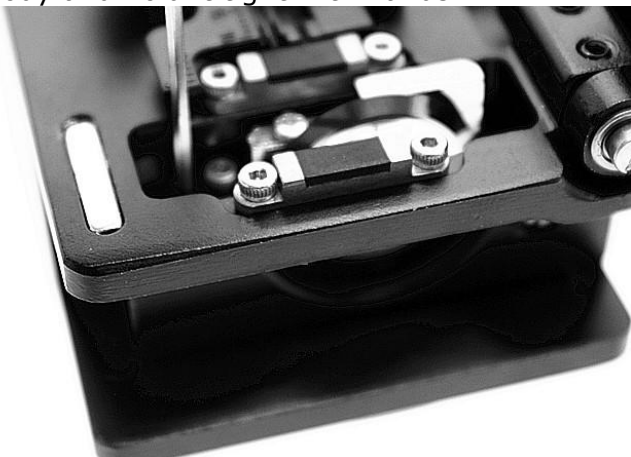
As shown in the figure,



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

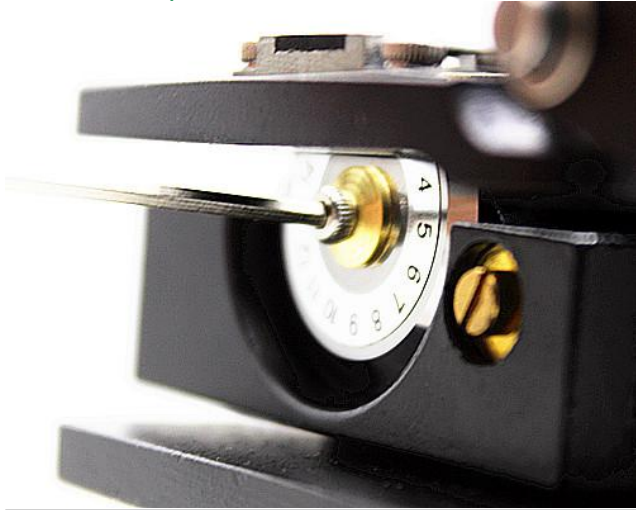
1. As shown in the figure, open the cover and make the blade carriage come out to the front of the body and hold it tight with hands.



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 screws (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.**