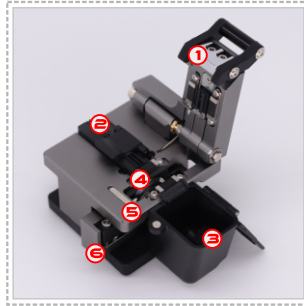


# Optical Fiber Cleave C105

## User Manual

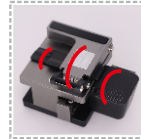


### Structure

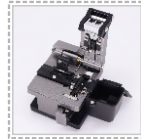


- ① Cutting lever
- ② Fiber Holder
- ③ Fiber scrap container box
- ④ Blade
- ⑤ Pedestal
- ⑥ Sliding blade rest

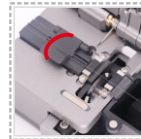
### Operations



#### Step 1



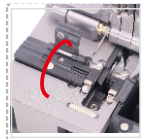
Open the cutting lever fiber holder and the cover of fiber scrap container box.



#### Step 2



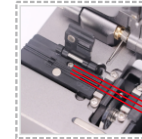
Put the optical fiber in fiber holder , press down the Cutting lever and then push the slid button like the above picture showed.



#### Step 3

Open the fiber holder and Cutting lever take out the fiber

### Fiber holder



Multi-function fiber holder with three fiber fixing slots as below:

Pigtail, FTTH drop cable, Bow-type drop cables  
③ 900um Holster fiber  
② 250um bare fiber



Fixed groove ③  
FTTH drop cable



Fixed groove ②  
2.0/2.4/3.0mm Pigtail



Fixed groove ①  
900um Holster fiber



Fixed groove ①  
250um bare fiber

### Cleaning and maintenance

#### Step 1

Fiber gland rubber pad and iron block

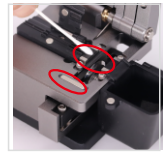
Clean the black rubber pads with a cotton swab dipped in alcohol, knock hammer and the iron block above the rubber pad and the surrounding area



#### Step 2

Base rubber pad and magnet

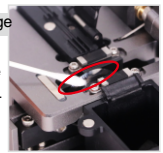
Clean the base rubber pad with a cotton swab dipped in alcohol, the base magnet and its surroundings



#### Step 3

Clean the blade edge

Use a cotton swab with 99% pure alcohol to clean the blade along the bevel on the side of the blade edge. Be careful not to clean the blade edge directly with a hard object to avoid damage to the blade.



# Specifications


Dimensions	D62xW60.9xH60(mm) Without fiber scrap container box
Weight	491g
Appling Fiber	Single Fiber
Clamp Type	Multifunctional
Fiber Type	250um/900um/Pigtial FTTH Cable
Coating Diameter	125μm
Cutting Length	9~24mm
Cutting Angle	0.5°
Blade Diameter	22mm
Blade Cut Points	24
Cut points life	2000 times / points
Blade Life	48000 times/points

# Blade rotating and replacing

**Remove the waste fiber storage box**


Before rotating, replacing and adjusting the height of the blade, remove the fiber scrap container box as follows:

Remove the screw on the bottom of the fiber scrap container box, and push the fiber scrap container box to the right to remove it out.



**Rotating blade: Replace the cutting point**

1. Loosen the set screw: Loosen the blade set screw with a flat-blade screwdriver.
2. Rotate the blade: Turn the blade to rotate the next cutting point.
3. Tighten the set screw: Use a flat-blade screwdriver to lock the blade set screw.



**Replace the new blade**


1. Remove the fixing screws: Remove the blade fixing screws with a flat-blade screwdriver.
2. Replace the blade: Pull the blade up and install the new blade (as shown).
3. Tighten the set screw: Lock the blade with a flat-blade screwdriver and screw



# Adjusting the height of blade


**Tools list**

- 1.one unit hex wrench (supplied)
- 2.one unit Phillips screwdriver
- 3.one unit a word screwdriver
- 4.one root 0.7mm pencil lead
- 5.one unit slot type screwdriver



**Step 1**

Use a hex wrench to loosen one white hex screw which on the side of the slide cartridge.



**Step 2**

Use a hex wrench to loosen one white hex screw which on the slide cartridge.



**Step 3**

Using the hex wrench, turn the screw on the top of the sliding blade rest to adjust the height:

Clockwise tighten: lighten the blade

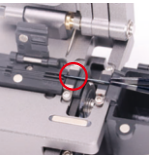
Anticlockwise loosen: lower the blade

Tighten the beside hex screw which was loosen in the last step.




**Step 4** Find the right height

- 1.Using the tweezers, put one pencil lead on the top of the rubber blanket (the left head of lead should be fixed inside of the holder groove)
- 2.Take away the tweezers, push the sliding blade rest.



**Step 5** Find the right height

As shown,after pushing the sliding blade rest,the pencil lead is moved a small angle,that means the blade has been adjusted to a suitable height.



# Common problem

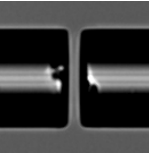
**Fiber core fragmentation and defect**

Reason:Blade height is too high

Solution:Adjust the blade height according to the manual

Reason: Blade current cutting point is damaged

Solution:Rotate the blade to the next cutting point according to the product manual.




**Large cutting angle, uneven end surface**

Reason:Blade height is too high

Solution:Adjust the blade height according to the manual

Reason: Blade current cutting point is damaged

Solution:Rotate the blade to the next cutting point according to the product manual.



**Can't cut fiber(soloved the problem as following one by one)**

- 1.Reason:Rubber pad,iron block or magnet is too dirty.  
Solution: Do cleaning and maintenance according to this manual
- 2.Reason:The blade currently cutting points has been cut too much times  
Solution: Rotate the blade to the next cutting point.
- 3.Reason: Blade height is too low.  
Solution:Adjust the blade height according to the manual.