

High precision Fibre Optic Cleaver

Description

high precision fibre cleaver is the highly-precision fibre cutting tool, suitable for 250um to 900um coating fibre and 125um cladding fibre. The 16-position blade is workable for 48000 fibre cleaves. It is easy to use and maintenance



Specifications:

Blade Life	48000
Cutting angle	< 0.5 degree
Weight	260g
Dimensions(D*W*H)	6cm*5.5cm*4.5cm

Fibre Cleaver Instruction Manual

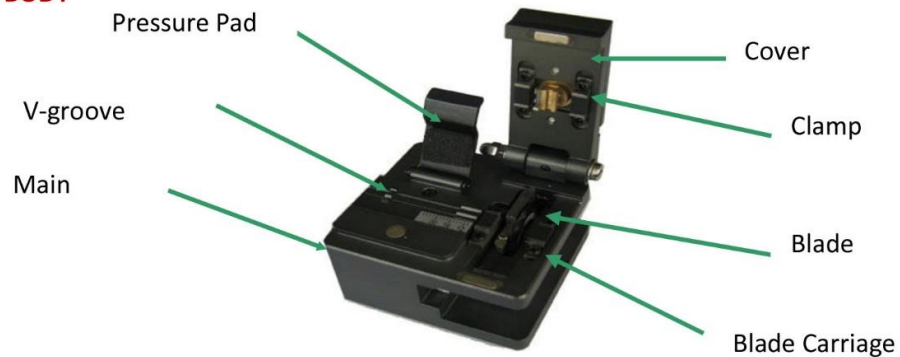
Read this manual carefully and completely before operating the cleaver.

PART 1 CAUTION FOR SAFE OPERATION

1. Retain this manual for future reference.
2. Handle with care in operation.
3. Store the cleaver in a dry and clean place under normal temperature.
4. Do not use acetone or corrosive solvent to clean the cleaver






PART 2 MAIN BODY



PART 3 CLEAVING OPERATION

Before cleaving, remove the fibre coating 30-40mm with a stripping tool, then clean it with alcohol.

<p>1. Open the cover and pressure pad; put the stripped fiber on the V-groove. And make sure that the cleaver length is set as per operators'</p>	<p>2. Close the pressure pad to fix the fiber.</p>
<p>3. Close the cover and make sure that the end of the fibre is sticking out of the rubber</p>	<p>4. Push the blade carriage to the rear until it stops.</p>

pad exactly in a straight line.			
5. Open the cover of the body.			
6. Take out the cleaved fibre with care in order not to bring the harm to the end face of fibre.		7. For the continuous operation, remove the cleaved fibre, in this process; be careful not to get injured by the cutting edge.	

PART 4 BLADE ADJUSTMENT & BLADE REPLACEMENT

The cleaving position from 1 to 16 is marked on the edge of the blade.

When it does not cleaves the fibre normally, clean the rubber pad and the edge of the blade with alcohol cotton. (But, do not use acetone or solvent when you clean the rubber pad.)

However, if it still does not cleave the fibre properly, it means the cleaving edge is fully used. So you need to change the cleaving position by the following instruction.

A. Blade position adjustment (Cleaving position marked on the blade, 1~16)

1. Take out the 1.5mm Allen key for the work.	
Allen Key	2. Release the 2 setscrews.

3. Rotate the blade to the anti-clockwise direction. The blade is originally fixed on "position 1". Treat the blade with care not to touch the tip of the blade.



B. Blade Height Adjustment.

1. Hold the cleaver body as the figure shown and release the 2 setscrews.



2. Release the setscrew above bottom of the cleaver as figure shown.



3. Put the stripped fibre on the V-groove, and close the pressure pad.

Turn Cam in clockwise direction to adjust the blade height.

Move the blade back and forth until the blade close to the fibre.

4. Fasten the 2 setscrews and another one above the bottom.



C. Blade Replacement

1. Release the 2 setscrews and another one above the bottom as Blade Height Adjustment 1. and 2.



2. Release the setscrew below the bottom of the cleaver as figure shown.



3. Take out of Cam with Allen key lightly. Remove the old blade to replace to new blade.

4. Fasten the 2 setscrews and another one below the bottom.



Note: Please do not touch up any screws or any other parts to fix this cleaver by yourself.