

Cleaver Cortadora De Fibra Óptica



This product is developed and designed on the basis of full consideration of safety. Please read the precautions in this manual carefully before use and strictly follow it.

1. Disassembling the cutting knife or filling it with oil will cause malfunctions, so it must not be implemented.
2. The cutting knife belongs to precision machinery. If hitting, landing, or subject to strong impact, the accuracy of the cutting knife may be damaged, and personnel may be injured. Please be careful when using it.
3. Optical fiber and optical fiber fragments are very fine, and the tip is sharp. It will cause injury if it gets into your fingers or eyes. Please be careful when operating. For safe operation, please wear protective glasses.
4. Please throw away the optical fiber scraps in a special waste place separate from ordinary garbage.
5. The blade is very sharp. Never touch it with your hands to avoid injury.
6. If the cutting knife fails or is abnormal, please stop using it, do not disassemble or modify it, please contact our company's after-sales service department.

Product parameters

Applicable fiber	Single core silica fiber
Applicable fiber coating diameter	0.25mm&0.9mm
Applicable fiber cladding diameter	125um
Fiber cutting length	9~16mm (diameter 0.25mm)
	10~16mm (diameter 0.9mm)
Size	63mm(W)*56mm(D)*56mm(H)
Weight	About 280g
Cutting angle	≤0.5°

operation method

1. Open the upper cover and the fiber clamp cover, and then put the fiber with the coating layer removed into the single-core clamp slot.
Note: The position of the fiber edge of the coating layer coincides with the graduation line and the cut length of the fiber is appropriate.
2. Close the upper cover and the fiber clamp cover, push the knife holder, make the blade cut under the fiber, and cut the fiber.
3. Open the upper cover to remove the fiber debris and put it in a special container.
4. Open the cover of the fiber clamp and carefully remove the cut end face of the fiber. Note: Do not touch other objects on the neat fiber end face.

The adjustment method of the position of the knife edge

After many times of cutting, the blade will be consumed, and there will be phenomena such as continuous cutting and cut surface defects. If this phenomenon continues, it is necessary to adjust the position of the knife edge.

1. Use an Allen key to loosen the fixing screw on the blade and rotate the blade to the next position.
2. Press the side or front end of the blade with a cotton swab, and push the blade outward, so that it is easy to rotate the blade.
3. When changing the position of the blade edge (when rotating the blade), do not directly rotate the blade by hand.
4. Do not use metal tools to rotate the blade. If you use metal tools, the blade will be damaged.
5. Please be careful not to fix the blade too tightly, otherwise the screws may be damaged.

How to adjust the height of the blade

1. Push the knife holder to the position when the cutting is completed, and use an Allen wrench to loosen the 1 fixed knife seat on the side and 1 hexagon screw on the top.
2. Move the hexagonal screw on the top to adjust the blade height to be parallel to the rubber pad.
3. Try to cut the fiber 1 or 2 times, and use the screen of the fusion splicer to confirm the cut end face of the fiber. If the fiber is poorly cut, please adjust the blade height again.

Troubleshooting

Possible reasons for poor cutting	Solution
The fiber is not placed correctly before cutting	Place the fiber perpendicular to the blade
Blade position is too high/too low	Adjust the height of the blade
Foreign matter remains on the fiber clamp	Clean the fiber clamp
Foreign matter such as dust is stuck on the blade	Clean the blade
Foreign matter such as dust is stuck on the optical fiber	Remove the fiber coating and clean the bare fiber

Standard configuration

Fiber cleaver, Allen wrench, storage box, manual, warranty card, certificate of conformity.

