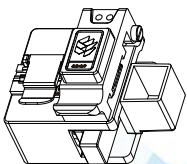




## 光纤切割刀 使用说明书



本产品是在充分考虑了安全的基础上研发设计  
使用前请仔细阅读本说明书的以下注意事项,并严格遵守。

- 1.拆卸切割刀或给其注油会造成故障的发生,所以绝对不可实施。
- 2.切割刀属于精密机械,如敲打、落地、受到强烈冲击,可能会损伤切割刀的精密密度,也可能造成人员的受伤,使用时请多加小心。
- 3.光纤和光纤碎屑非常细微且尖端锐利,扎入手指、进入眼内都将造成伤害,操作时请多加小心。为了安全操作,请配戴防护眼镜。
- 4.请将光纤碎屑丢在同普通垃圾分类的专设废弃物场所。
- 5.刀刃非常尖锐,绝对不可用手触碰,以免受伤。
- 6.如切割刀发生故障或异常情况时,请停止使用,不要拆卸或改装,请与本公司的售后服务部联系。

### 技术指示:

适用光纤	单芯石英光纤
适用光纤涂覆直径	0.25mm&0.9mm
适用光纤包层直径	125um
光纤切割长度	9~16mm(直径0.25mm) 10~16mm(直径0.9mm)
尺寸	63mm(W)*56mm(D)*56mm(H)
重量	约280g
切割角度	≤0.5°

### 操作方法:

1. 打开上盖与光纤夹具盖,再将剥除涂覆层的光纤放入单芯夹具槽中。  
注意:涂敷层光纤边缘位置与刻度线吻合且光纤切断长度合适。
2. 合上上盖与光纤夹具盖,推动刀架,使刀片划切光纤下面,切断光纤。
3. 打开上盖取出光纤碎屑,放到专用的容器中。
4. 打开光纤夹具盖,仔细移开切好端面的光纤。  
注意:整洁的光纤端面不要触碰其他物品。

### 刀刃口位置的调节方法

进行多次切割后,刀刃发生消耗,会出现切不断,切断面缺损等现象。  
如持续发生此现象时,就有必要调整刀刃口的位置。

1. 使用十字螺丝刀拧松刀片上的紧固螺丝,将刀片旋转至下一个刀位。
2. 用棉签按压刀片的侧面或前端,将刀片向外推压,这样容易旋转刀片。
3. 更换刀口位置(旋转刀刃时),请勿用手直接旋转刀片。
4. 请勿使用金属工具转动刀刃,如使用金属工具,会损伤刀刃。
5. 请注意不要将刀片固定过紧,否则有可能损坏螺丝。

### 刀刃高度的调节方法

1. 将刀架推到切割完成时的位置,用内六角扳手将侧边的1个固定刀座及顶部1个六角螺丝拧松。
2. 活动顶部的六角螺丝,将刀刃高度调整到与橡胶垫平行。
3. 试着切断1至2次光纤,利用熔接机的画面来确认光纤的切割端面。  
如光纤切割不良,请再次调整刀刃高度。

### 故障排除

切割不良可能原因	解决办法
光纤切割前摆放不正	垂直刀面放置光纤
刀刃位置过高/过低	调节刀刃高度
光纤夹具上残留有异物	清洁光纤夹具
刀刃上粘有灰尘等异物	清洁刀刃
光纤上粘有灰尘等异物	去除光纤涂覆层,清洁裸光纤部位

### 标准配置

光纤切割刀、内六角扳手、收纳盒、说明书、保修卡、合格证。

制 造 商:深圳市开腾通讯有限公司  
生产地址:广东省深圳市南山区西丽街道麻瑞十八工业区  
11栋A区2楼  
服务电话:0755-23156850  
公司官网: www.kaitengtx.com  
注:说明书版本若有变更,恕不另行通知。



High-precision optical fiber cleaver

## INSTRUCTION MANUAL

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.

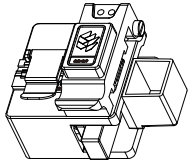
### Troubleshooting

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.

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尺寸	63mm(W)*56mm(D)*56mm(H)
重量	约280g
切割角度	≤0.5°

## 操作方法:

- 1.打开上盖与光纤夹具盖,再将剥除涂覆层的光纤放入单芯夹具槽中。注意:涂敷层光纤边缘位置与刻度线吻合并且光纤切断长度合适。
- 2.合上上盖与光纤夹具盖,推动刀架,使刀片划切光纤下面,切断光纤。
- 3.打开上盖取走光纤碎屑,放到专用的容器中。
- 4.打开光纤夹具盖,仔细移开切好端面的光纤。  
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光纤夹具上残留有异物	清洁光纤夹具
刀刃上粘有灰尘等异物	清洁刀刃
光纤上粘有灰尘等异物	去除光纤涂覆层,清洁裸光纤部位

## 标准配置

光纤切割刀、内六角扳手、收纳盒、说明书、保修卡、合格证。

## High-precision optical fiber cleaver

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Weight	About 280g
Cutting angle	≤0.5°

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## Standard configuration

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