Fiber Cleaver

Product Drawing

Product Description

Fiber Cleaver is a high-precision and high-efficiency professional cutting tool designed specifically for the fiber optic communication industry. The use of ultra precision blades and stable cutting mechanisms ensures that each cutting can obtain a highly consistent and almost perfect fiber end face, reducing fusion losses and improving network transmission quality. It is an indispensable key equipment in the process of fiber fusion, testing, and manufacturing fiber connectors.

Product features

- Some models are equipped with an intelligent adaptive adjustment system that can automatically adjust cutting parameters according to different diameters and types of optical fibers, ensuring consistent cutting results.
- The blade is made of high-quality alloy material and treated with special technology to have extremely high hardness and wear resistance, which can maintain sharpness for a long time and reduce replacement frequency.
- Built in multiple security protection mechanisms, such as blade locking devices, protective covers, etc., ensure the safety of users and optical fibers during the cutting process.
- The overall design is compact and lightweight, easy to carry and store, suitable for use in various work environments.

Application

The construction and wiring of optical fiber communication, including the laying of optical cables, fusion splicing of optical fibers, etc.

Maintenance and repair of optical cables, rapid cutting of optical fibers for troubleshooting and repair.

Fiber optic testing and research and development, providing high-quality cutting end faces for fiber optic performance testing, fiber optic connector manufacturing, and more.

Fiber processing and handling in laboratories or factories, such as fiber grinding, polishing, and other preceding processes.

Technical Specifications

Product Parameters

Project	Technical indicators	
Product name	Fiber Cleaver	
Model	FC-6S	SKL-6C

Cutting accuracy	**± 0.01mm**
Cutting fiber types	**single-mode fiber, multi-mode fiber, and some special fibers**
Blade material:	**High quality alloy steel**