

Pro'sKit® FB-1601 Fiber Cleaver User Manual

Thanks for purchasing Pro'sKit FB-1601 Fiber Cleaver. The fixture of product configuration is three in one fixture for single fiber Ø 250µm & Ø 900µm or 3x2mm drop cable. Please read the instructions carefully before using the product.

This product has been designed and manufactured to assure personal safety.

Improper use can result in body injury and serious damage to fiber cleaver.

Please read and observe all warning instructions given in this operation manual.

1. Do not disassemble or lubricate any parts of cleaver. Doing so could cause serious damage to the cleaver.
2. The FB-1601 is a precision tool. Do not impact the cleaver by hitting or dropping it. Doing so may cause personal injury and loss of cleaving performance.
3. Glass fiber fragments are extremely sharp. Handle with care. Wear safety glasses at all time during cleaving operation for protection from glass fiber.
4. Dispose of glass fiber fragments properly.
5. The blade of cleaver is extremely sharp. Do not touch it with bare hands.
6. Do not impact the Clamp Cover. Doing so could cause damage to cleaver and loss of cleaver performance.
7. If cleaver is damage or problem occurs, please contact our maintenance service center.

SPECIFICATION

Cladding Diameter	125 µm
Fiber Count Coating Diameter	Single fiber Ø 250µm & Ø 900µm /3x2mm Drop cable
Cleaver Length	5-20mm
Dimensions	80(L)x 64 (W)x60(H) mm
Weight	250g
Cleaver Blade	24 Points

STRUCTURE



OPERATION PROCEDURE

1. Open the clamp cover and fiber holder lid. Please make sure the blade carriage should slide forward automatically.



2. Insert the fiber cable into the correct groove with the end of the fiber coating.
3. Close the fiber holder lid and clamp cover.
4. Slide the blade carriage to rear side of the cleaver. The fiber will be cleaved.
5. Open the clamp cover; then open the fiber holder lid and lift the newly cleaver fiber. Lift the off-cut and dispose it properly.

CLEAN

1. After cutting, please clean the broken fiber. Clean the dirt on the fiberboard with cotton stick that dipped in alcohol. Do not use acetone or corrosive solvent to clean the fiberboard. Do not damage the blade for future use.
2. Clean the dirt on the fiberboard regularly with cotton stick that dipped in alcohol. Do not use acetone or corrosive solvent to clean the fiberboard

CAUTION

- Do not rotate the blade with hands.
- Do not rotate the blade with metallic tweezers. Doing so may damage the blade.

BLADE REPLACEMENT AND ADJUSTMENT

A. Adjust the blade (rotate according to 0.1... 23 points indicated on the blade)

First of all, the screw driver will loosen the screw on the blade, use the cotton swab to rotate the blade to adjust the position of the blade, rotate one face at a time, and the rotation mode is indicated by the arrow



B. Adjust blade height

1. Loosen the two phillips screws shown in the figure



2. Adjust the screw as shown and adjust the blade height
3. Lock the loosened screws

C. Blade replacement

1. Unscrew the blade setscrew. (circle mark)
2. Remove the blade with tweezers.



TROUBLE SHOOTING

If there is a problem with the cutter, it may be due to the following reasons

Problems	Exclusion method
The optical fiber is placed askew	Make sure that the optical fiber is straight into the cutter slot holder
Blade position too high	Adjust blade height
Dirty optical fiber pressure pad	Clean optical fiber pressure pad Remove and clean the fiber
Dirty cutting blade	Clean the cutting blade
Dirty optical fiber	Remove and clean the fiber

Pro'sKit® ISO 9001 CERTIFIED

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