

Cleavers

Fusion

FC-6M Precision Optical Fiber Cleaver



Features:

- Can be used as either a mass or single fiber cleaver.
- Utilizes an automatic anvil drop for fewer required steps and better cleave consistency.
- Prevents double scoring of the fibers.
- Has superior blade height and rotational adjustment.
- Is available with automatic fiber scrap collection.
- Can be operated with one hand.

Description:

With the introduction of the FC-6M, Sumitomo now has the ultimate tool for single or ribbon fiber cleaving. The FC-6M:

Built on a robust high-quality platform, the FC-6M is ideal for use with fusion splicing or other precision applications, setting a new standard for flexibility and performance.



Every FC-6M includes a single fiber adapter for 250 to 900 micron coated single fibers. It is a simple operation for the user to remove or install the single fiber adapter and alternate between mass and single fiber cleaving.



An optional fiber scrap collector can be installed to help maintain loose scraps resulting from cleaving. The scrap collector works to automatically grab and store the scrap fibers as the cleaver's lid is raised following a completed cleave.

Specifications

Dimensions	63 (W) x 65 (D) x 63 (H) mm
Weight	430g without scrap collector 475g with scrap collector
Coating Diameters	0.25 - 0.9 mm (single) 0.25 mm (ribbon)
Cladding Diameter	0.125 mm
Cleave Lengths	9 - 16 mm (Single Fiber - 0.25 mm coating) 10 - 16 mm (Single Fiber - 0.9 mm coating) 10 mm (Ribbon Fiber - Up to 12-C)
Typical Cleave Angle	0.5 degrees
Typical Blade Life	36,000 fiber cleaves
No. of Steps for Cleave	2
Blade Adjustments	Rotational & Height
Auto. Scrap Collection	Optional

Ordering Information

Part Number	Description
FC6-CATCHER	• Optional fiber scrap collector