

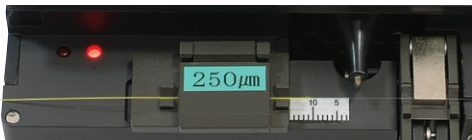
ULTRASONIC CLEAVER



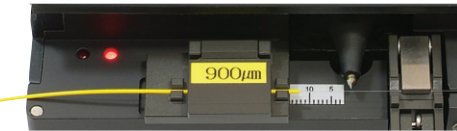
Patent Pending

Key Features

- Ultra-precision Cleaving
- Cleaving Angle Deviation : less than 0.3°
- Various cleaving length : Min. 1mm
- Various optical fiber possible : From 80 μ m to 125 μ m
- Approx. 20,000 times cleaving available with Diamond Chip Blade Head
- Cleaving more than 20,000 times with a fully charged battery.



250 μ m



900 μ m



Specifications	
Model	Ultrasonic Cleaver
Rated Voltage	DC 12V~16.8V
Cleaving Length	Normal : 1mm - 15mm
Optical Fiber	Buffer : 250um, 900um
Adjusted	Clad : 80~125um, 200um(Optional)
Cleaving Angle	90° \pm 0.3°
Body Size	120 X 90 X 65(mm)
Weight	800g
Blade Life Time	20,000
Adaptor	<ul style="list-style-type: none">A Rated input Voltage : Battery Charger (JBL910A1602K01)A Rated output Voltage : DC16.8V
Battery	<ul style="list-style-type: none">Polymer Lithium Ion Battery 16.8V, 1050mAhCleaving more than 20,000 times with a fully charged battery.



Standard Accessories
DC 16.8V Adaptor
Brush
Pincette
Manual

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ILSINTECH Co., Ltd. www.ilsintech.com

OPTICAL FIBER CLEAVER

Swift

SWIFT cleaver series offer various choices to customers; 90° cleaving, angle cleaving, oil damper system, automatic fiber chip collector, economic price, high quality precision cleaving, etc.



Ultrasonic Cleaver



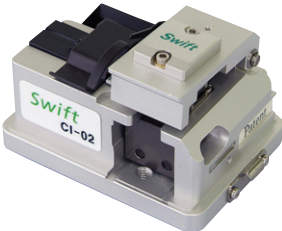
CI-03B



CI-03A



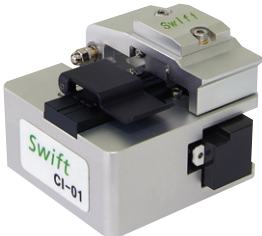
CI-08



CI-02

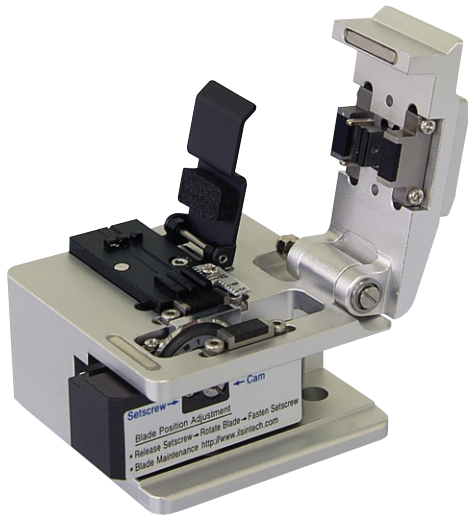


CI-06



CI-01

Swift CI-01



Wrench attached



Blade BI-05

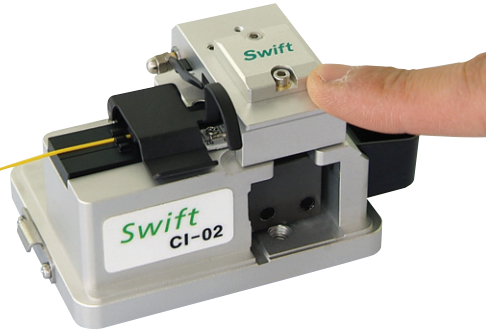
Key Features

- ▶ Economic Price
- ▶ Stable Operation by Step-Action Process
- ▶ Compact Design
- ▶ High Precision Blade with 16 Cleave Spots

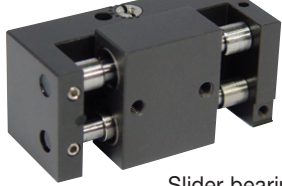
Technical Specification	
Fiber Diameter	125 μ m
Coating Diameter	250 ~ 900 μ m
Cleave Angle	90° \pm 0.5°
Cleave Length	Single 5mm ~ 20mm
Blade Life time	50,000
Outfit Dimension	58 × 55 × 48mm
Weight	340g

* Cleave Length can be adjusted.

Swift CI-02



Blade BI-05



Slider bearing

Key Features

- ▶ Stable Long Life by adopting Double Slide Bearing System
- ▶ Oil Damper System
- ▶ Single Automatic Action for Cleaveing and Fiber Chip Collection
- ▶ Approx. 20,000 times cleaving available with Diamond Chip Blade Head

Technical Specification	
Fiber Diameter	125 μ m
Coating Diameter	250 ~ 900 μ m
Cleave Angle	90° \pm 0.5°
Cleave Length	Single 5mm ~ 20mm, Ribbon 10mm
Blade Life time	50,000
Outfit Dimension	84 × 65 × 54mm
Weight	420g

* Cleave Length can be adjusted.

Swift CI-03A



Blade BI-05

Key Features

- ▶ Single Action (Full Automatic)
- ▶ Oil Damper System
- ▶ Compact Design

Swift CI-03B



Key Features

- ▶ Single Action for Cleaveing & Fiber Chip Collection
- ▶ Oil Damper System
- ▶ High Precision Blade with 16 Cleave Spots
- ▶ Diamond Blade with 1 Million Cleave Life (Option)

Technical Specification		
	CI-03A	CI-03B
Fiber Diameter	125 μ m	
Coating Diameter	250 ~ 900 μ m	
Cleave Length	Single 16mm & 5mm ~ 20mm, Ribbon 10mm	
Blade Life time	50,000	
Outfit Dimension	58 × 55 × 48mm	88 × 55 × 48mm
Weight	340g	400g

* Cleave Length can be adjusted.

Swift CI-06



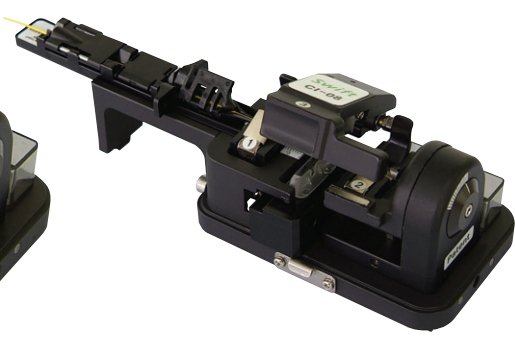
Technical Specification	
Cleave Angle	90° \pm 0.7°
Cleave Life	2,000
Size	19 × 32 × 124mm
Weight	70g

* Cleave Length can be adjusted.

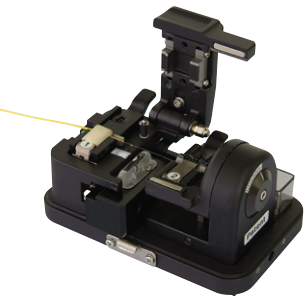
Swift CI-08 Angled Cleaver



PCT/KR2007/002695



3M USE



Key Features

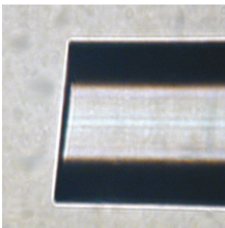
- ▶ Cleaveing with Oil damper system
- ▶ Typical Cleave Angle Deviation : 6° ~ 9°
- ▶ Tensioning, Twisting, Cleaveing with one action Specifications

Technical Specification	
Fiber Diameter	125 μ m
Coating Diameter	250 ~ 900 μ m
Cleave Length	6° ~ 9°
Blade Life time	Max. 30,000
Outfit Dimension	104 × 72 × 56mm
Weight	400g

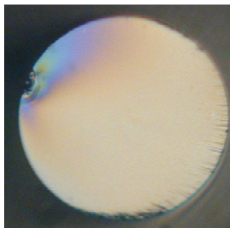
* Cleave Length can be adjusted.



Blade BI-05



Angle Cleave Fiber



Cleave End Facet