

ULTRASONIC CLEAVER



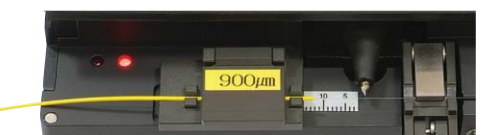
Patent Pending

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 : 250 μ m, 900 μ m
Adjusted	Clad : 80~125 μ m, 200 μ m(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, 1050mAh • Cleaving more than 20,000 times with a fully charged battery.

Consumable



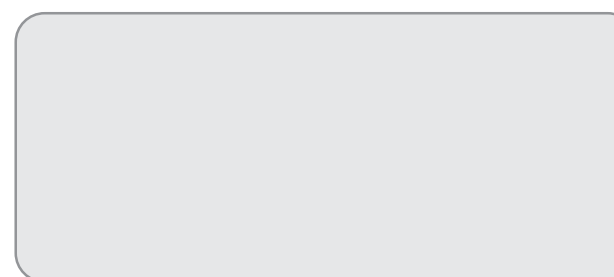
Diamond Blade

Standard Accessories

- DC 16,8V Adaptor
- Brush
- Pincette
- Manual



Headquarter : #703 Gwanpyung-Dong Yusung-Gu Dae jeon, Korea (Korea)
 Tel : +82 42 671 5609 Fax : +82 42 671 5612
 America branch : 4230 LBJ Freeway Suite 235C Dallas Texas 75244, USA (Dallas)
 Tel : +1 972 556 0916 Fax : +1 972 910 8384
 Europe branch : Ludwig-Erhard str. 30-34 65760 Eschborn, Deutschland (Germany)
 Tel : +49 1522 3689 747
 India branch : A-26/4 Mohan Cooperative Estate Mathura Road Delhi, India (Delhi)
 Tel : +91 11 4055 5954, +91 11 4056 7229
 China branch : E3-8F Juneyao International Plaza NO789 Zhaoyabang Rd, Shanghai 200032, China (Shanghai)
 Tel : +86 21 5836 0950, +86 21 5836 0189 Fax : +86 21 5836 0951



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



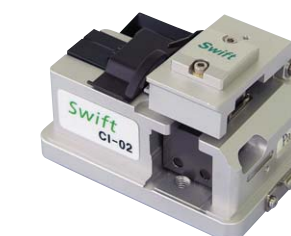
CI-03B



CI-03A



CI-08



CI-02



CI-06



CI-01

Swift CI-01



Wrench attached



Blade BI-05

Technical Specification

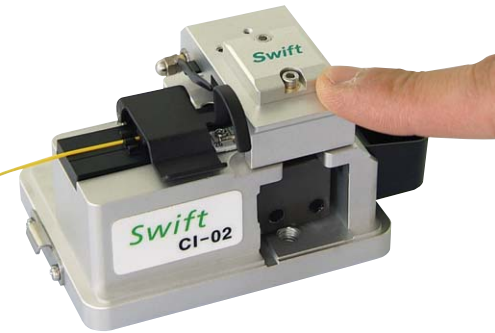
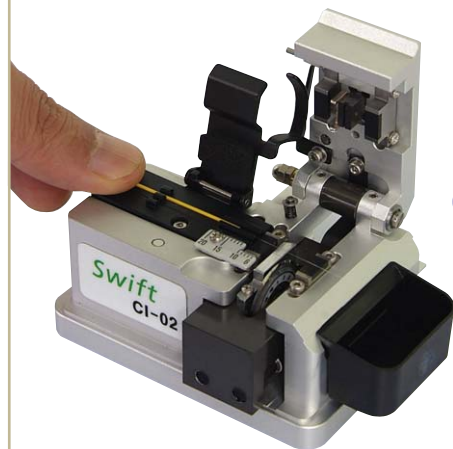
Fiber Diameter	125 μ m
Coating Diameter	250 ~ 900 μ m
Cleave Angle	90° \pm 0.5°
Cleave Length	Single 5mm ~ 20mm
Blade Life time	50,000
Outfit Dimension	58 × 55 × 48mm
Weight	340g

* Cleave Length can be adjusted.

Key Features

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

Swift CI-02



Blade BI-05



Slider bearing

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.

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

Swift CI-03A

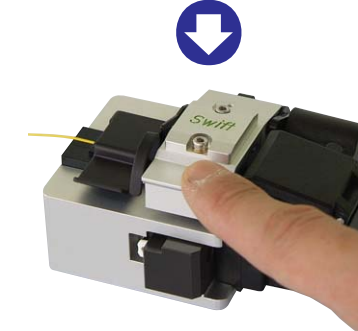
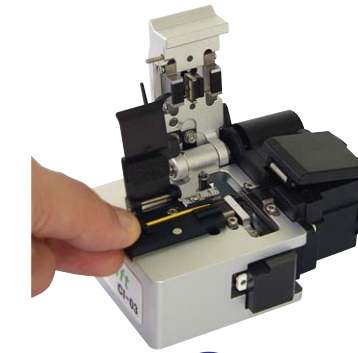


Blade BI-05

Key Features

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

Swift CI-03B



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.

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)

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

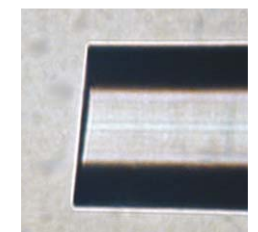
Technical Specification

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

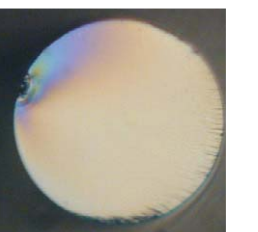
* Cleave Length can be adjusted.



Blade BI-05



Angle Cleave Fiber



Cleave End Facet