

Oil Damper system Single Action

Cleaver CI-02 CI-03

No Need blade height adjustment in blade exchange!!

Application

The Oil damper system adapted in single action cleaver has created a new concept of Oil damper system. It is designed to resolve the cleaving quality deterioration problem that cleavers currently have. The Oil damper system makes possible for the cleaver to cleave a fiber at a steady speed without any stress to the fiber. The Oil damper single action cleaver has a flexible clamping system to protect a fiber from a vibration shock during the cleaving. It leads dramatic quality improvement in cleaved end face, core cracking, cleave angle, and life span of blade up to as much as an ultrasonic cleaver does.

Comparison cleaved end face



Key Features

- The finest quality of cleaved end face
- Expanded Blade life span
- No crack in core
- Single Operation cleaving mechanism



Patent

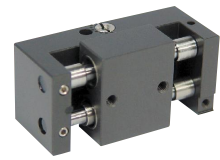


CI-02

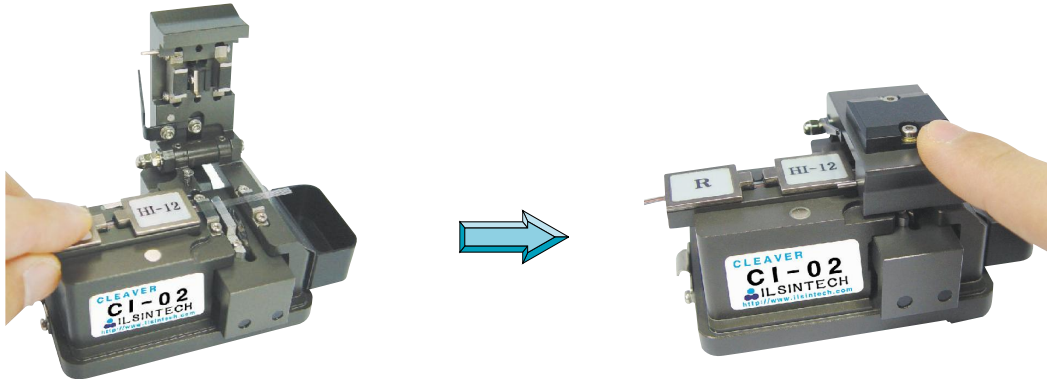
- Improved durability with two bearings
- Single operation cleaving mechanism
- Possible to use both single and ribbon fiber



BI-05

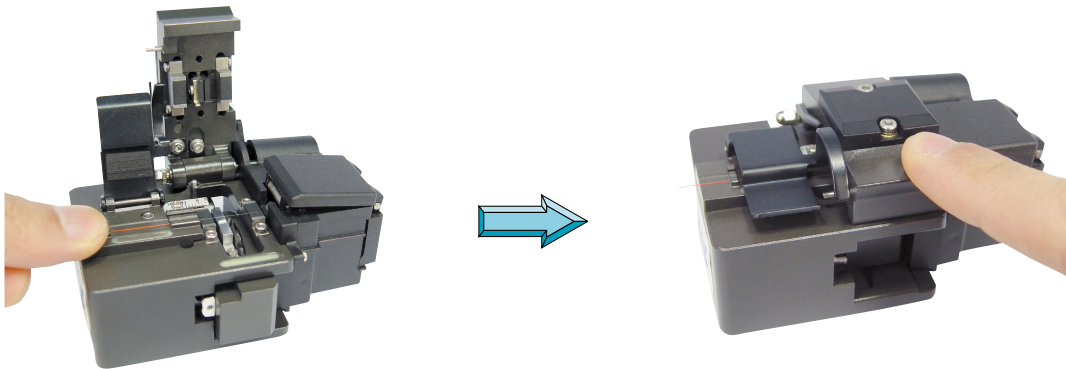


Slider bearing



CI-03

- Built-in collector
- Possible to use both single and ribbon fiber
- Perfect disposal of the by-product with the collector in a single action
- No blade adjustment needed in blade exchange



Technical Parameters & Specifications

	CI-02	CI-03
Fiber Diameter	125 μ m	
Coating Diameter	250~900 μ m	
Cleave Angle	90° \pm 0.4°	
Cleave Length	Single 5mm~20mm	Ribbon 10mm
Blade Life Time	60,000	
Outfit Dimension	84 \times 65 \times 54mm	88 \times 55 \times 48mm
Weight	420g	400g

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