



FULLY AUTOMATIC
PREMIUM FIBER CLEAVER



Auto Blade Rotation



Magnetic Fiber Holder



Digital Counter



Excellent Visibility (90°)



DESCRIPTION

The INNO Instrument V12 Precision Desktop Cleaver is a state-of-the-art tool, equipped with a robust alloy steel blade for optimal durability and performance. This advanced cleaver features a fully automatic, self-activating scoring mechanism and an innovative blade rotation system, ensuring up to 2,500 precise cleaves per position with a total blade lifespan exceeding 60,000 cleaves.

Designed for versatility, the V12 comes with a built-in, automatic fiber shard collector, enhancing safety and cleanliness. The lid of the V12 is engineered to open at a 90-degree angle, greatly improving visibility and ease of use. Its magnetic universal holder (clamp) accommodates a broad spectrum of cables, including 250µm and 900µm fiber cables, flat cables, ribbon fibers, and jumper cables, making it an indispensable tool for a wide range of fiber optic applications.

TECHNICAL SPECIFICATIONS

Items	Specifications
Model	V12
Type	Single fiber and Ribbon fiber
Cladding Diameter	125 µm
Cleaved Length	Single Fiber : 5mm ~ 24mm (Coating diameter ≤ 250µm), 10mm ~ 20mm (Coating diameter > 250µm) Ribbon (Multi) Fiber : 10mm
Applicable Fiber Cable	Single Fiber : 160 µm to 900 µm, 2mm ~ 3mm and drop cable Ribbon (Multi) Fiber : 2 ~ 16 ribbon fibers
Typical Cleaved Angle	Single Fiber : 0.5 °
Typical Blade Life	Total 60,000 fiber cleaves (2,500 cleaves per each point, total 24 points)
Holder	Universal holder, replaceable holder
Dimensions	103.5 x 106.5 x 55 mm
Weight	319g
Operation Condition	Temperature: -10 ~ 50 °C / Humidity: 0 ~ 95%RH (non-dew)
Storage Condition	Temperature: -40 ~ 80°C / Humidity: 0 ~ 95%RH (non-dew)
Battery	Coin type Lithium battery CR

PACKAGE & ACCESSORIES

Product	Type
Cleaver Case	CC-05
Brush	CB-02
Hexagonal Wrench	CW-03
Flat-head Screwdriver	CW-04
Operation Manual	
Quality Report	

Optional Accessories	Type
Cleaver Blade	B-80
Cleaver Holder	CFH-40

 The information in this catalog is subject to change without prior notice.

OVERVIEW

