K-10 Fiber Cleaver

High-precision cleaving with a manual half-step reset — cleave angle ≤ 0.5°, a tungsten steel blade rated for 48,000 cleaves, and a built-in scrap collector.

The K-10 is a high-precision fiber cleaver with a manual reset of the half-step type: load the fiber, make the cut, and return the blade carriage by hand — a short, positive motion that keeps the mechanism simple and the action identical from cut to cut. The holder set covers 0.25, 0.9 and 3.0 mm coated single fibers, and ribbon fiber is handled with an exchangeable holder. A tungsten steel blade with 16 working surfaces delivers up to 48,000 cleaves at a cleave angle of ≤ 0.5°, and the offcuts drop straight into the built-in scrap collector. At 83 x 55 x 52 mm and approx. 250 g, the aluminum alloy body stays rigid and light in the hand, on the bench or in the field.



K-10 in Gold

Key Features

- Manual reset (half-step type) — a simple, positive action the operator controls end to end
- Cleave angle held to ≤ 0.5°, for stable, consistent cleaves
- Tungsten steel blade with 16 surfaces — up to 48,000 cleaves per blade; blade height is adjusted once every 1,000 cuts (3 height steps per surface)
- Built-in fiber scrap collector keeps offcuts contained as you work
- One holder set covers 0.25 / 0.9 / 3.0 mm coatings; ribbon fiber with an exchangeable holder
- CNC-machined aluminum alloy body — rigid, light and built for field use

Specifications

Reset type	Manual reset (half-step type)
Applicable fiber	Single quartz fiber (ribbon fiber with exchangeable holder)
Cladding diameter	125 µm
Coating diameter	0.25 / 0.9 / 3.0 mm
Cleave length	Approx. 8–20 mm
Cleave angle	≤ 0.5°
Blade material	Tungsten steel
Blade size	Outer Ø approx. 22 mm, inner Ø approx. 4 mm, thickness approx. 2 mm
Blade life	16 surfaces × 3,000 cleaves per surface — up to 48,000 cleaves per blade
Scrap collector	Built-in fiber scrap collector
Body	CNC-machined aluminum alloy
Operating temperature	-25 °C to +55 °C
Dimensions	83 x 55 x 52 mm
Weight	Approx. 250 g

Color Options


Silver


Black


Blue


Red

Five colors as shown — Gold, Silver, Black, Blue and Red. Custom colors — and your own logo — can be customized to order.

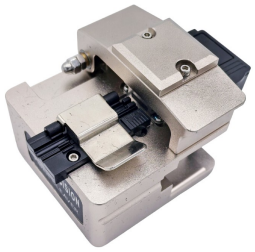
Package Contents

- Fiber cleaver
- Hex key (stored at the bottom of the unit)
- Black EVA storage box
- User manual

Built Around the Cut


K-10 in Black

Everything about the K-10 serves the cut itself. The reset is manual, of the half-step type: after the cut, the operator returns the blade carriage by hand — a short, positive motion with no return mechanism to drift, so the stroke stays identical from the first fiber of the day to the last. That repeatability is what holds the cleave angle to ≤ 0.5°. The fiber sits in a holder matched to its coating — 250 µm, 900 µm or 3.0 mm — and ribbon fiber is handled by swapping in the ribbon holder. Cleaved offcuts fall into the scrap collector built into the base instead of onto the bench or the splicer. The blade itself is a tungsten steel disc — outer Ø approx. 22 mm, thickness approx. 2 mm — and its height is adjusted once every 1,000 cuts, three steps per surface, so all 16 surfaces deliver their full 3,000 cleaves each.


K-10 in Silver

OEM & Private Label

The K-10 can carry your brand. Private labeling is made to your requirements — labels with your logo, part numbers and barcodes on the tools, the inner boxes and the outer cartons, so the goods arrive ready for your warehouse. Custom barcode & contract labeling is applied to every inner box and outer carton to your receiving specification.