K-21 Fiber Cleaver

CNC-machined precision cleaver with a built-in scrap collector — two-step cleaving, typical cleave angle ≤ 0.5°, blade life of 48,000 cleaves, for 0.25 / 0.9 mm coated fiber.

The K-21 is a bench cleaver built the way the fixture deserves: the body is CNC-machined from aluminum alloy and anodized, so the fiber seats square and the cleave comes out the same way every time. It works in two steps — lay the fiber in the fixture, close the cover and press — and holds a typical cleave angle of ≤ 0.5°, the flat end face a fusion splicer wants to see. Cleave lengths run from 5 to 20 mm on 0.25 mm coated fiber and 10 to 20 mm on 0.9 mm buffered fiber, single-mode and multimode alike. The blade works through 16 rotating positions at 3 heights for a rated life of 48,000 cleaves, and the offcuts drop into the built-in scrap collector instead of across the bench. At 350 g it belongs on the bench, in the splicing van and in the carry case it comes in.



K-21 — Turquoise finish, closed

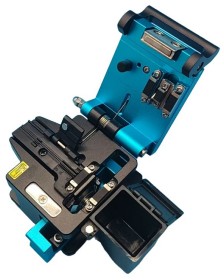
Key Features

- CNC-machined aluminum alloy body with an anodized finish — machined rather than cast, so the fixture seats the same way on every cleave
- Two-step cleaving with a typical cleave angle of ≤ 0.5° — flat end faces that go straight into the splicer
- Blade life of 48,000 cleaves: 16 rotating positions at 3 heights, worked through by rotation and height adjustment as the edge wears
- Built-in scrap collector keeps the cleaved offcuts inside the tool instead of on the bench or the van floor
- One fixture covers 0.25 mm coated and 0.9 mm buffered single fiber, single-mode and multimode alike
- Carry case included (140 x 95 x 70 mm): the cleaver is 350 g net, 500 g all-in with the case

Specifications

Operation	Two-step cleaving
Applicable fiber	Single fiber — single-mode and multimode
Cladding diameter	125 µm
Coating diameter	0.25 / 0.9 mm
Cleave length	5–20 mm (0.25 mm coating); 10–20 mm (0.9 mm coating)
Cleave angle	≤ 0.5° (typical)
Blade life	48,000 cleaves (16 rotating positions x 3 heights)
Body	CNC-machined aluminum alloy, anodized finish
Scrap collector	Built-in fiber scrap collector
Dimensions	100 x 85 x 64 mm (with scrap collector)
Weight	350 g (net)
Carry case	140 x 95 x 70 mm; total weight with case 500 g

Built Around the Cut



Open view — fiber fixture, blade carriage & scrap collector

Open the cover and the whole mechanism is on show. The fiber lies in the fixture, the clamp pads on the underside of the cover come down on the coating — never on the bare glass — and the blade carriage makes its pass in the same two-step motion, every time. The blade's working life is used systematically: 16 positions around the wheel, 3 heights at each position, so a fresh edge is always one rotation or one height step away, and the rated 48,000 cleaves are spread across the whole blade instead of a single spot. Alongside the fixture sits the scrap collector: the cleaved offcuts are gathered in the bin and emptied from the tool, not flicked across the bench, the splicing van floor or a customer's premises. Closed, the cleaver shows its anodized cover plate and model plate on top, with the collector housing at the side — the full unit measures 100 mm long with the collector fitted, sized for bench work that still has to travel.



Top view — cover plate and scrap collector

Color Options



Turquoise



Gold



Gold · Grey · Turquoise

Three finishes as shown — Turquoise, Gold and Grey. Custom colors — and your own logo — can be customized to order.

OEM & Private Label

The K-21 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.