



Shown in CC-37 Carrying Case

Features

- Motorised blade rotation
- Bluetooth communication
- Shock resistant
- Simple one-step operation
- 60,000 cleave blade life
- Field serviceable



CT50 Fibre Cleaver

The CT50 features automated blade rotation, unprecedented durability, and simplistic maintenance unseen with any other cleaver. Paired with a Bluetooth enabled Fujikura splicer, cleaver blade positions can be automatically advanced when needed based on cleave count or cleave quality. If automated rotation is not desired, the blade position can be advanced at the touch of a button, no tools required. The easy to read blade position indicator clearly displays the selected position. The Bluetooth® feature, along with simplified mechanical operation, increases overall productivity and reliability. The fibre clamp opens beyond 90 degrees and readies the blade for cleaving in the same motion. This allows easy viewing of the distance scale used to gauge cleave length. The 16-position blade yields 60,000 single-fibre cleaves, or 5,000 12-fibre ribbon cleaves. The built-in scrap collector conveniently stores fibre shards until they can be safely discarded.

The CT50 is an industry first cleaver ruggedised to withstand severe shock, including drops up to 30 inches. If needed, the CT50 is field serviceable with all precision components easily replaced in the field.

Specifications

ITEM		SINGLE
Applicable Fibre	Fibre type	Single mode optical fibre Multi mode optical fibre
	Fibre count	Single up to 16 fibres
	Cladding dia.	Approx. 125 µm
Applicable Coating	Fibre plate	AD-10-M24 : Max. 900 µm coating diameter AD-50 : Max. 3 mm coating diameter
	Fibre holder	Coating shape: Refer to splicer fibre holder options
Cleave Length	Fibre plate	AD-10-M24 : 5 to 20 mm for CD ≤ 250 µm AD-50 [CD = coating diameter] CD= 250µm or less : 5 to 20 mm 250 µm < CD < 1000µm : 10 to 20 mm 1000 µm < CD < 3 mm : 14 to 20 mm
	Fibre holder	Approx. 10 mm
Cleave Angle	Single fibre	Avg. 0.3 to 0.9 degrees
	Fibre ribbon	Avg. 0.3 to 1.2 degrees
Blade Life		Approx. 60,000 fibre cleaves
Physical Description	Dimensions W	Approx. 120 mm when closing the lever
	Dimensions D	Approx. 95 mm when closing the lever
	Dimensions H	Approx. 58 mm when closing the lever
	Weight	Approx. 305 g including battery and AD-10-M24
Environmental Condition	Temperature	Operate : -10 to 50°C Storage : -40 to 80°C
	Humidity	Operate : 0 to 95% non-condensing Storage : 0 to 95% non-condensing
Battery		2 pieces of LR03/AAA dry battery
Wireless interface		Bluetooth 4.1 LE
Screw Hole for Tripod		1/4-20UNC
Other Features	Blade rotation	Motorised rotation Manual rotation dial
	Replaceable parts	Blade Clamp arm

CT50 Fibre Cleaver

Ordering Information

DESCRIPTION	APPLICATION	FIBRE HANDLING SYSTEM	CLEAVE LENGTH	AFL NO.
CT50	Single or Ribbon Fibre	AD-10-M24 adapter plate for single fibres or fibre holders for ribbons	See Specifications Table on previous page	S017030

Accessories

DESCRIPTION	AFL NO.
CB-50 Replacement Blade	S017076
FDB-05 Scrap Collector Box	S017121
AD-50 Single Fibre Adapter Plate	S017010
AD-10-M24 Fibre Plate	S017335
ARM-CT50-01 Replacement Arm Set	S017122
BRW-CT08-01 Blade Rotary Wheel	S017110
SC-CT50-01 Side Cover	S017108
CC-37 Transit Case	S017077
SPA-CT08-10 Spacer	S017011
FDB-05 Fibre Dust Box	S017121

Splice+ is a smartphone application that works in cooperation with Fujikura's splicers, cleavers and ribbon fibre strippers which have Bluetooth capability.

Get the **Splice+** app at the Apple App store or at Google Play.

