

The most robust cleaver



Fiber Cleaver

Fujikura CT50







- Applicable for up to 12-fiber cleaving
- O Automatic cleaving blade rotation via wireless communication
- User replaceable fiber clamps and cleaving blade
- Blade life up to 60,000 cleaves
- O Wide lever opening angle allows easy fiber placement
- Single-action operation including fiber scrap collection





Fujikura CT50

SPECIFICATIONS

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Description		CT50	
Applicable optical fiber		Silica optical fiber	
Fiber count		Up to 12	
Cladding diameter		125 μm	
Coating diameter		160 to 900µm 2 to 3mm cord and drop cable	
Cleaving length	AD-50	5mm to 20mm (coating diameter =250µm) 10mm to 20mm (coating diameter > 250µm)	
	AD-10-M24	5mm to 20mm (coating diameter = 250µm) 10mm to 20mm (coating diameter > 250µm)	
	Fiber holder	10mm (from the edge of FH:13mm)	
Cleaving angle*1		Typical 0.5 degrees	
Blade life		60,000 fibers (1,250 fibers x 3 heights x 16 positions)	
Wireless connectivity		Wireless technical standard:Bluetooth®4.1 LE*2 OS : Andoroid 5.0 or above, iOS 8.0 or above (iPhone6 above	
Power supply		AAA (LR03) dry battery: 2pc	
Dimensions		120(W) x 95(D) x 58(H)mm	
Weight		300g	
Operation condition		0 to 95% RH and 0 to 40°C (non-dew)	
Storage condition		0 to 95% RH and -40 to 80°C (non-dew)	
Resistance features*3		Shock: 76cm (30inch) all directions drop	
		Dust resistance: Exposure to dust (0.1 to 500µm dia. Alumina Silicate)	
		Rain resistance: H=10mm/hr for 10min	

- *1 The optical fiber type, the blade condition or the operating environment may affect the cleaving angle. Since the measuring device has been changed from an interference microscope to a fusion splicer, this specification value is now higher than that of the previous model (CT-30).
- *2 The Bluetooth wireless connection of this product is not guaranteed to work with all smartphones or other devices
- *3 The shock resistance test does not guarantee the product will not be damaged under these conditions.
- · Bluetooth and Bluetooth logo is a registered trademark of Bluetooth SIG, Inc.



STANDARD PACKAGE

Description	Model No.	Qty.
Fiber plate	AD-10-M24	1pc
Spacer	SPA-CT08-10	1pc
Carrying case	CC-37	1pc
Hexagonal wrench	HEX-01	1pc
Instruction manual	M-CT50-E	1pc

OPTIONAL ITEMS

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Description	Model No.			
Fiber plate	AD-50			
Blade	CB-08			
Arm set	ARM-CT50-01			
Dust box	FDB-05			
Blade rotary wheel	BRW-CT08-01			
Side cover	SC-CT50-01			



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FIBER HOLDERS Description

Applicable fiber holder

Specifications and descriptions are subject to change without prior notice. ©2018 Fujikura Ltd.

CC-37 CT50 Main body HEX-01 Instruction manual

SPA-CT08-10

OPTIONAL ITEMS

AD-10-M24

STANDARD PACKAGE



Model No. FH-60-xxx

FH-70-xxx FH-100-xxx

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