

# CT50 ROBUST PRECISION FIBRE CLEAVER

## FEATURES

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



## Cleaving Procedure

### 1. PLACE FIBRE



### 2. CLEAVE



### 3. FINISH



©FUJIKURA LTD.

# CT50 ROBUST PRECISION FIBRE CLEAVER

SPECIFICATIONS		
Description		CT50
Applicable optical fibre		Silica optical fibre
Fibre count		Up to 12
Cladding diameter		125µm
Coating diameter		160µm to 900µm (2mm/3mm cord & drop cable)
Cleave length	AD-50 Fibre holder	5mm to 20mm (coating diameter = 250µm) or 10mm to 20mm (coating diameter > 250µm) 10mm (from the edge of FH:13mm)
Cleaving angle*1		Single fibre: Typical 0.7 degrees 12 ribbon fibres: Typical 1.0 degrees
Blade life		Typical 60,000 fibres (1,250 fibres x 3 heights x 16 positions)
Wireless connectivity		Bluetooth® 4.1 LE*2
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 fibre 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 the Bluetooth logo is a registered trademark of Bluetooth SIG, Inc.  Bluetooth™

STANDARD PACKAGE			STANDARD PACKAGE	
Description	Model No.	Quantity	CC-37	CT50 Main body
Fibre plate	AD-50	1pc.		
Spacer	SPA-CT08-10	1pc.		
Carrying case	CC-37	1pc.		
Hexagonal wrench	HEX-01	1pc.		
Instruction manual	M-CT50-E	1pc.	AD-50	SPA-CT08-10
OPTIONAL ITEMS			OPTIONAL ITEMS	
Description	Model No.			
Blade	CB-08			
Arm set	ARM-CT50-01			
Dust box	FDB-05			
Blade rotary wheel	BRW-CT08-01			
Side cover	SC-CT50-01			
FIBRE HOLDERS				
Description	Model No.			
Applicable fibre holder	FH-50-xxx			
	FH-60-xxx			
	FH-100-xxx			