

Optical Fiber Cleaver

CT60

FEATURES

- Stable cleave quality
- Enhanced usability
- Simplified cleaving action, Single action operation
- Adjustable lever opening angles
- Increased number of blade positions
- Active Blade Management Technology
- Easy maintenance
- Easy access and longer stripped fibres

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Specifications / Items

CT60 Specifications

Item		Specification
Applicable fiber	Fiber type	Single mode optical fiber Multi mode optical fiber
	Fiber count	Single and up to 16 fiber ribbon
	Cladding dia.	Approx. 125µm
Applicable coating	Fiber setting plate	AD-60A: Max. 900µm coating diameter AD-60B: Max. 3mm coating diameter AD-60A : Max. 900µm coating diameter 1 fiber + Max. 250µm coating diameter 1 fiber
	Fiber holder	Coating shape: Refer to splicer options
Cleave length	Fiber setting plate	AD-60A: 5 to 20mm *1 250µm or less AD-60A & AD-60B *C.D. : coating diameter C.D. = 250µm or less : 5 to 20mm *1 250µm < C.D. < =900µm: 10 to 20mm AD-60B 900µm < C.D. < =3mm : 14 to 20mm AD-60A : 5 to 20mm *1
	Fiber holder	Approx. 10mm
	Single fiber	Avg. 0.3 to 0.9 degrees
	Fiber ribbon	Avg. 0.3 to 1.2 degrees
		Approx. 60000 fiber cleaves
Physical description	Dimensions W	Approx. 113mm without projection *4
	Dimensions D	Approx. 92mm without projection *4
	Dimensions H	Approx. 54mm without projection *4
	Weight	Approx. 293g including battery and AD-60A
Environmental condition	Temperature	Operate: -10 to 50°C Storage: -40 to 80°C
	Humidity	Operate: 0 to 95%RH non-condensing Storage: 0 to 95%RH non-condensing
Battery *5		2 pieces of LR03, AAA dry battery
Wireless interface *6		Bluetooth 5.2 LE
Screw hole for tripod		1/4-20UNC
Holding mechanism for the fiber holder		Installed
Other features	Blade rotation	Motorized rotation (fully automatic) Manual rotation dial
	Replaceable Part	Blade
	Operability	Suitable design for both tabletop and handheld use

Notes

- *1 When the cleave length is less than 10mm, the coating diameter should be 250µm or less. Also, a blade height adjustment is required before cleaving. The average cleave angle is worse than the specification when the cleave length is less than 10mm.
- *2 Measured with an interferometer at room temperature, not with a splicer. A new blade was used to cleave both the single fibers and ribbon fibers. The average cleave angle changes depending on the environmental conditions, blade condition, operating method, and cleanliness.
- *3 The blade life changes depending on the environmental conditions, operating method, and the fiber type cleaved.
- *4 Measured in a condition when closing the lever.
- *5 Batteries stored in low temperature, high temperature and high humidity environments will have reduced capacity and therefore a shorter battery life.
- *6 Bluetooth® mark and logos are the registered trademarks of Bluetooth SIG, Inc.

CT60 Optional Items

Item	Model	Remark
Fiber Setting Plate	AD-60A AD-60B	Max. 900 µm coating Max. 3000 µm coating
Blade	CB10	Blade for replacement
Blade Holder Adapter	BHA-CT60	Tabletop cutting adapter
Fiber Scrap Collector	FDB-05	Scrap collector
Side cover	SC-CT60-10	Side cover instead of scrap collector
Spacer	SPA-CT60-10 SPA-CT60-09	Cleave length 10mm Cleave length 9mm



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