

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



Specifications / Items

CT60 Specifications

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

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	Max. 900 µm coating
	AD-60B	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	Cleave length 10mm
	SPA-CT60-09	Cleave length 9mm



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