



Features

- Easy two-action cleaving with skill-free operation.
- Automatic tension loading to fiber by magnet.
- Automatic fiber separation with tension force generated by magnet.
- Easy fiber handling with FSM-40F/PM fiber holder system.

HTC-20 High Precision Fiber Cleaver

The HTC-20 Fiber Cleaver is a high precision fiber cleaver used for cleaving silica fiber to designated lengths prior to fusion splicing. It is specially designed for high tensile strength splicing fiber preparation with AFL's HTS-12 Thermal Jacket stripper.

Specifications

PARAMETER	VALUE
Applicable Optical Fiber	Conventional Silica Optical Fiber
Applicable Fiber Count	Single
Cladding Diameter	125 / 80 (µm)
Coating Diameter*	165 / 250 / 400 / 900 (µm)
Cleave Length**	High tensile strength: 3 to 5 mm for 165/ 250/ 400 µm coating fiber Non-high tensile strength: 3 to 5 mm for 165/250/400/900 µm coating fiber
Applicable Fiber Holder	FH-40 series for FSM-40F/PM fusion splicer
Cleaving Angle	Typical 0.5 degrees
Standard Blade Life	16,000 cleaves (1000 cleaves x 16 positions)
Dimensions (Wx D x H)	86.5 x 61 x 60.5 (mm)
Weight	450g
Operational Condition	0°C to +40°C / up to 95%RH
Storage Condition	-40°C to +65°C / up to 95%RH

* Contact customer service for non-standard diameters

** Up to 19 mm can be achieved

Ordering Information

DESCRIPTION	PART #
HTC-20 High Precision Fiber Cleaver	S013288



CT-04B-S8 Fiber Cleaver

This slightly modified version of our extremely popular three step cleaver is still available for a limited time. When using this cleaver with the optional AD-07B/S Adapter Plate this cleaver functions identically as the discontinued model CT-07

Ordering Information

DESCRIPTION	PART #
CT-04B-S8 (8mm cleave length)	S010904
AD-07B/S Adapter Plate	S001620