

DATA SHEET

High Precision Fiber Cleaver *HTC-20*



HTC-20

The HTC-20 is designed for cleaving single count of silica optical fiber by keeping the cleaved fiber's glass surface free from any physical contact. (The glass portion of the fiber is not on the fiber pad.)

In order to achieve the above condition, a unique procedure is employed whereby the HTC-20 clamps on the unused portion of fiber and gives tensile force to the fiber by magnet for cleaving, instead of bending the fiber after scoring with the blade.

The HTC-20 accepts the FH-40 series and FH-100 series Fiber Holder System and the setting position is adjustable.

| STANDARD PACKAGE | | |
|--------------------|--------|-------|
| Description | Model | Q'ty |
| Fiber cleaver | HTC-20 | 1 pc. |
| Blade cover | - | 1 pc. |
| Instruction manual | - | 1 pc. |

| SPECIFICATIONS | |
|-----------------------|--|
| Applicable fiber | Silica optical fiber |
| Fiber count | Single |
| Cladding diameter | 80μm to 125μm |
| Coating diameter | 100μm to 1,000μm |
| Cleave length setting | 4mm (End of fiber placing pad to blade edge) (Factory setting = 8mm coating + 4mm cleave) |
| Cleave length range | 3 to 5mm, 4 to 5mm with more than 400mm coating |
| Cleave angle | Typical 1 degree or less |
| Blade position | 16 rotating positions |
| Fiber placing | With FH-40 series and FH-100 series Fiber Holder |
| Dimensions, Weight | 87W x 61D x 61H (mm), 450g |



HTC-20

| BLADE | |
|------------|---|
| Model | CB-16 |
| Blade life | 16,000 cleaves (1,000 cleaves x 16 positions) |

Note 1) Specifications and descriptions are subject to change without prior notice.

Note 2) The export of HTC-20 is controlled under Foreign Exchange and Foreign Trade Law of Japan.

Therefore, your order shall be subject to the approval of the Japanese Government.

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