

**DATA SHEET**

# High Precision Fiber Cleaver *CT-38*



Model: CT-38

The CT-38 is designed for cleaving silica fiber with 80 $\mu$ m cladding diameter.

The CT-38 has 2 models depend on the fiber placing procedure, fiber holder model and fiber plate model.

**APPLICABLE FIBERS**

|                   |                      |
|-------------------|----------------------|
| Fiber count       | Single               |
| Fiber type        | Silica optical fiber |
| Cladding diameter | 80 $\mu$ m           |
| Coating diameter  | 165 $\mu$ m          |

**SPECIFICATION**

|              |   |
|--------------|---|
| Cleave angle | Typical 0.5 degrees                               |
| Blade life   | 48,000 cleaves<br>1,000 x 3 height x 16 positions |
| Dimensions   | 69W x 82D x 41H (mm)                              |
| Weight       | 180 g   |

**STANDARD PACKAGE FOR CT-38**

| Description        | Model         | Q'ty  |
|--------------------|---------------|-------|
| Main body          | CT-38         | 1 pc. |
| Carrying case      | CC-18         | 1 pc. |
| Cleaver spacer     | SPA-40-CT-040 | 1 pc. |
| Hexagonal wrench   | HEX-01        | 1 pc. |
| Instruction manual | -             | 1 pc. |

**STANDARD PACKAGE FOR CT-38A**

| Description        | Model         | Q'ty  |
|--------------------|---------------|-------|
| Main body          | CT-38         | 1 pc. |
| Carrying case      | CC-18         | 1 pc. |
| Fiber plate        | AD-30A        | 1 pc. |
| Cleaver spacer     | SPA-40-CT-050 | 1 pc. |
| Hexagonal wrench   | HEX-01        | 1 pc. |
| Instruction manual | -             | 1 pc. |

**APPLICATION**

| Model  | Fiber placing | Cleave length (mm) | Required cleaver spacer |               | Note  |
|--------|---------------|--------------------|-------------------------|---------------|---|
|        |               |                    | Provided                | Optional      |   |
| CT-38  | Fiber holder  | 10                 | -                       | SPA-40-CT-050 | -   |
|        |               | 9                  | SPA-40-CT-040           | -             | -   |
|        |               | 8                  | -                       | -             | -   |
|        |               | 5                  | -                       | SPA-40-CT-050 | Short cleave length of 3 to 5mm available by stripping with HJS-02 and SPA-040-HJS-030. |
|        |               | 4                  | SPA-40-CT-040           | -             |   |
|        |               | 3                  | -                       | -             |   |
| CT-38A | Fiber plate   | 6 to 20            | SPA-40-CT-050           | -             | -   |

**OPTIONAL ITEMS**

| Description    | Model         |
|----------------|---------------|
| Cleaver spacer | SPA-40-CT-050 |

Specifications and descriptions are subject to change without prior notice.

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