



Optical fibre cleaver

FC-8R series

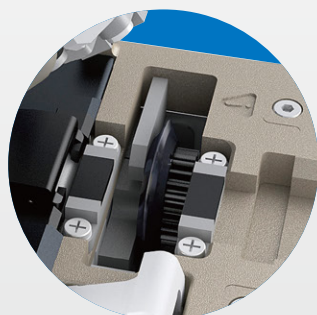


Easy, Handy, Long life

Easy maintenance with large offcut bin

One hand operation

High quality blade for over 60,000 cleaves



**Auto-rotating
blade**

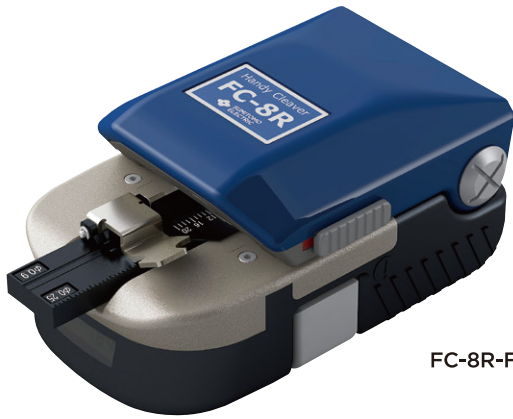


Light weight

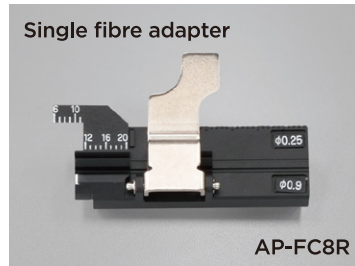


**Smart cleave
counter**

Optical fibre cleaver FC-8R series



FC-8R-FC



Single fibre adapter

AP-FC8R



Fibre offcut bin

TR-FC8R

Specifications

| Part number | | FC-8R-F | FC-8R-FC | | |
|--------------------------------------|-------------------|---|--|--|--|
| Applicable fibre | Material | Silica glass | | | |
| | Cladding diameter | Φ 125 μm | | | |
| | Fibre count | Single to 12 | Single | Single to 12 | Single |
| Cleave length | | 10mm | 6-20mm (Φ 0.25mm) 10-20mm (Φ 0.9mm) | 10mm | 6-20mm (Φ 0.25mm) 10-20mm (Φ 0.9mm) |
| Fibre placing | | Fibre holder | Single fibre adapter (AP-FC8R) | Fibre holder | Single fibre adapter (AP-FC8R) |
| Cleave angle (Typ.) | | 0.5 degrees with single fibre | | | |
| Off-cut collector / Fibre offcut bin | | Pre-fitted / TR-FC8R | | | |
| Automatic blade rotation | | Provided (Switchable to Fixed) | | | |
| Cleave operation counter *1 | | N/A | | Provided DC power supply : Coin type Lithium battery CR1220 | |
| Lid opening angle | | Switchable (Wide / Narrow) | | | |
| Dimensions and Weight | | 58(W)×98(D)×49(H) mm, Approx. 260 g | | | |
| Field replaceable blade | | Yes, use FCP-20BL(7R) | | | |
| Operating condition | | -10-50°C and 0-95% RH (non-condensing) | | | |
| Storage condition | | -40-80°C and 0-95% RH (non-condensing) | | | |
| Blade life *2 | | 60,000 fibres (2,500 fibres × 24 positions) | | | |

*1 : The cleaver can count the number of cleaves only when a fibre holder or single fibre adapter is fitted to the cleaver.

*2 : Blade life is not guaranteed. It may vary depending on the operating environment.

Standard package

| Part name | Part No. | Model No. Q'ty | | | |
|----------------------|----------|------------------|-----|--------------|-----|
| | | FC-8R-F | | FC-8R-FC | |
| Main body | FC-8R-* | FC-8R-F 1pc | | FC-8R-FC 1pc | |
| Single fibre adapter | AP-FC8R | 1pc with 1 screw | | | |
| Desktop spacer block | DTS-01 | 1pc | | | |
| Carrying case | CC-8RH | 1pc | - | 1pc | - |
| | CC-8RSH | - | 1pc | - | 1pc |
| Operation manual | - | 1set | | | |
| Cleaning brush | - | 1pc | | | |
| Hexagonal wrench | - | 1pc | | | |
| Strap | - | 1pc | | | |

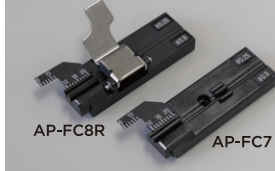
Standard package



Optional accessories / Consumables

| Part name | Part No. | Note |
|---------------------------|--------------|--|
| Single fibre adapter | AP-FC7 | With 1 screw |
| | AP-FC8R | With 1 desktop spacer block & 1 screw |
| Fibre offcut bin | TR-FC8R | 10 pcs per set |
| Coin type Lithium battery | CR1220 | -For FC-8R-FC only -Commercial item |
| Replacement blade | FCP-20BL(7R) | Common for FC-6R/7R series |

Single fibre adapter



Carrying case



Fibre holders

| Part No. | FHS-025 | FHS-09 | FHS-025/LB5 | FHD-1 | FHC-3 | FHM-2 | FHM-4 | FHM-5 | FHM-6 | FHM-8 | FHM-10 | FHM-12 |
|---------------|--------------|--------------|--------------------------------------|-------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|
| Fibre | Single 250um | Single 900um | Single 900um Loose buffered fibre | Single 250um Drop / Indoor cable | 3mm cable | 2-fibre ribbon | 4-fibre ribbon | 5-fibre ribbon | 6-fibre ribbon | 8-fibre ribbon | 10-fibre ribbon | 12-fibre ribbon |
| Cleave length | 10mm | | | | | | | | | | | |

 Sumitomo Electric Industries, Ltd.