



Active Clad Alignment fusion splicer

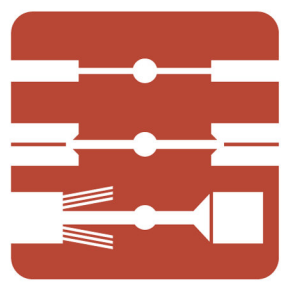
T-400S



Fast, Versatile, Easy



Carry out your mission as fast as possible



All the FTTx fiber splices in one machine



Simple operation by brand-new user interface

Specifications

| Items | | T-400S |
|----------------------------|--|--|
| Optical fiber requirements | Material | Silica glass |
| | Fiber count / Profile types | Single / SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657) |
| | Fiber diameter | Cladding diameter : 125µm, Coating diameter : Up to 3mm by multi clamp |
| | Cleave length | 5 to 16mm for single fiber |
| Standard performance | Splice loss (typical)*1 | SMF : 0.03dB, MMF : 0.01dB, DSF : 0.05dB, NZDSF : 0.05dB |
| | Return loss (typical) | 60dB or greater |
| | Splice time (typical) | 6sec (SM G652 Quick Mode) |
| | Heating time (typical) | 24sec (FPS-61-2.6 sleeve, S60mm 0.25 Mode) |
| | Splice & Heat cycles per battery full charge*2 | Approx. 200 (BU-15) |
| | Fiber view & magnification | 2 CMOS cameras observation, 200X Max. |
| | Proof test | 1.96 - 2.09N |
| Programs | Applicable protection sleeve | 60mm, 40mm & Sumitomo Nano sleeves |
| | Splice programs | Max. 150, 12 are pre-optimised, 100 editable by user (38 to be pre-optimised) |
| Functions | Heating programs | Max. 50, 12 are pre-optimised, 20 editable by user (18 to be pre-optimised) |
| | Splice image capture / Splice data storage | 100 images / 10,000 splice data (internal memory only) |
| | Auto-start | Splice/Heating |
| | Multi clamp | Provided, applicable for 250 & 900µm coated fiber, 2 & 3mm jacket cord and rectangular drop cable |
| Size / Weight | Heater clamp for splice on connector | Provided |
| | Automatic arc calibration | Automatically compensates for environmental condition changes |
| | Size | 129(W) x 195(D) x 99(H) mm (without protrusion) |
| Terminals | Weight | 1.2kg (without Battery), 1.3kg (with Battery BU-15) |
| | Monitor | 4.3" color LCD display |
| Power supply | USB port | USB 2.0 (mini-B type) |
| | AC input | AC 100 - 240V, 50/60Hz (ADC-15) |
| Operating condition | DC input | DC 10 - 15V |
| | Battery pack | Li-ion 10.8V, 35.64Wh (BU-15) |
| Storage condition | Operating condition | Altitude : 0 - 5,000m, Temperature : -10 - +50°C, Humidity : 0 - 95%RH (non-condensing), Wind velocity : up to 15m/sec |
| | Storage condition | Temperature : -40 - +80°C, Humidity : 0 - 95%RH (non-condensing), Battery : -20 - +30°C (long term) |
| Electrode life *3 | | 6,000 arc discharges |
| Software updates | | Internet |

*1 : Average value of the final inspection in room temperature with Sumitomo identical fiber. Measured by cut-back method relevant to ITU-T and IEC standards.

*2 : Splice & Heat cycles may vary depending on the battery status and the operating environment.

*3 : Achieved in lab condition. Electrode life may vary depending on the operating environment.

Environmental Durability*

| Test details | Test details |
|------------------|---|
| Shock resistance | Drop from 76cm on bottom face only |
| Water resistance | Equivalent to IPX1 Operates normally after being exposed to vertically dripping water at 1mm/min for 10 min |
| Dust resistance | Equivalent to IP5x Operates normally after 8 hours in a test chamber with circulating dust particles smaller than 75µm |

*Splicer operation after shock, water or dust tests, was confirmed under battery power, by Sumitomo.

Does not guarantee the product will not be damaged by these conditions.

Basic Accessories

| Part name | Part No. | Qty. |
|-----------------------|--------------|------|
| AC adapter | ADC-15 | 1 pc |
| AC power cord | PC-AC<X>*2-P | 1 pc |
| Battery pack | BU-15 | 1 pc |
| Quick reference guide | — | 1 pc |
| Carrying case | CC-15 | 1 pc |

*X=2(USA), 3(EU), 5(UK/HK), 6(AUS), 8(CHINA), 9(INDIA)

Items listed in Basic Accessories are always included with the splicer body. Overall kit content may vary regionally. Please check with your local authorized reseller to confirm kit content in your region.

Accessories

| Part name | Part No. | Remarks |
|---|-------------------------|--|
| Accessories for Splicer | Fiber holder | FHS-025/LB5 FHS-SOC For 0.9mm loose buffered single fiber Connector holder |
| | Battery pack | BU-15 Li-ion 10.8V, 35.64Wh |
| | Car battery cable | PC-V25 For car battery operation (cigarette socket type) |
| | V-groove cleaning brush | VGT-2 Brush for cleaning V-groove |
| | Electrode | ER-10 — |
| | Work table | WT-15 Handy table with neck strap |
| Accessories | Fiber cleaver | FC-5S Table-top cleaver |
| | | FC-6S-C Table-top high precision cleaver |
| | | FC-6RS-C Automatic blade rotation cleaver |
| | Handheld fiber cleaver | FC-8R-FC Automatic blade rotation cleaver with counter |
| | | FC-8R-F Automatic blade rotation cleaver (without counter) |
| | Jacket remover | JR-M03 Jacket remover for single fiber |
| | Loose tube cutter | LTC-01 — |
| | Alcohol dispenser | HR-3 — |
| | Fiber protection sleeve | FPS-1 60mm, diameter after shrink approx. 3.2mm |
| | | FPS-40 40mm, diameter after shrink approx. 3.2mm |
| FPS-61-2.6 61mm, diameter after shrink approx. 2.6mm | | |
| FPS-D60 60mm, For drop and indoor cables | | |



Carrying case
CC-15



Table-top cleaver
FC-5S



Battery pack
BU-15



AC adapter
ADC-15



Connector holder
FHS-SOC



Work table
WT-15

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