

Active V-groove Fusion Splicer

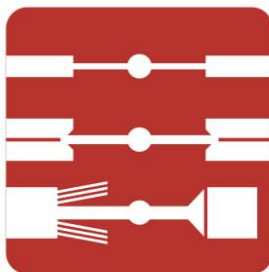
T-400S



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, 8mm for drop cable
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)	7sec (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, 11 are pre-optimised, 100 editable by user (39 to be pre-optimised)
Functions	Heating programs	Max. 50, 11 are pre-optimised, 20 editable by user (19 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
	Heater clamp for splice on connector	Provided
	Automatic arc calibration	Automatically compensates for environmental condition changes
Size / Weight	Size	129(W) x 195(D) x 99(H) mm (without protrusion)
	Weight	1.2kg (without Battery), 1.3kg (with Battery BU-15)
	Monitor	4.3" color LCD display
Terminals	USB port	USB 2.0 (mini-B type)
Power supply	AC input	AC 100 - 240V, 50/60Hz (ADC-15)
	DC input	DC 10 - 15V
	Battery pack	Li-ion 10.8V, 35.64Wh (BU-15)
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
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

*Confirms the battery operation in tests carried out by Sumitomo. Does not guarantee that the product is free of faults or damage.

Basic Accessories

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

*X=2(USA), 3(EU), 4(JP), 6(AUS), 8(CHINA)

At least, the above basic accessories come with splicer main body. Some additional accessories may be or may not be included as a splicer standard kit contents. The standard splicer kit contents varies in each region/country. Please ask details to your nearest distributors.

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 FC-6S-C FC-6RS-C	Table-top cleaver Table-top high precision cleaver Automatic blade rotation cleaver
	Handheld fiber cleaver	FC-8R-FC FC-8R-F	Automatic blade rotation cleaver with counter 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 FPS-40 FPS-61-2.6 FPS-D60	60mm, diameter after shrink approx. 3.2mm 40mm, diameter after shrink approx. 3.2mm 61mm, diameter after shrink approx. 2.6mm 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



Electrode
ER-10

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