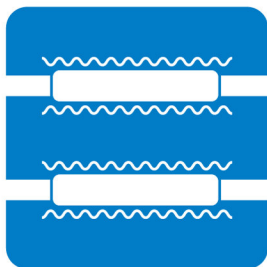


Wireless LAN enabled  
Direct Core Monitoring Fusion Splicer

# TYPE-71C+



**Rapid, Elite, Connected**  
Faster Splicing 6sec / Heating 14sec  
Splicing loss SMF 0.01dB(Typical)



Fully Optimized  
Two Independent  
Heaters for  
High Productivity



Wireless LAN  
Connectivity & Useful  
Smart Phone App



Touch Screen  
Control Panel



Durable & Rugged

## Specifications

Items	TYPE-71C+	
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), EDF
	Fiber diameter	Cladding diameter : 80 - 150µm, Coating diameter : 100 - 1,000µm
	Cleave length	5 - 16mm with coating clamp
Standard performance	Splice loss (typical)*1	SMF : 0.01dB, MMF : 0.01dB, DSF : 0.03dB, NZDSF : 0.03dB
	Return loss (typical)	60dB or greater
	Splice time (typical)	6sec(SM G652 Quick Mode), 7sec(SM G652 Std. Mode), 8sec(Auto Mode)
	Heating time (typical)	14sec (FPS-61-2.6 sleeve, Slim 60mm Quick Mode)
	Splice & Heat cycles per battery full charge*2	Approx. 230 (BU-11)
	Fiber view & magnification	2 CMOS cameras observation, 320X (zoom : 700X) for X or Y single axis view, 88X for both X & Y dual axis view
Programs	Proof test	1.96 - 2.09N
	Applicable protection sleeve	60mm, 40mm & Sumitomo Nano sleeves
	Splice programs	Max. 300, 74 are pre-optimised, 226 editable by user
Functions	Heating programs	Max. 100, 24 are pre-optimised, 76 editable by user
	Splice image capture / Splice data storage	200 images / 10,000 splice data (internal memory only) 50,200/20,000 (with 8GB SD card)
	Attenuation splicing	0.1dB to 15dB in 0.1dB increments
	Universal clamps	Provided, 250µm, 900µm tight & loose buffer fiber
	Reversible coating clamps	Provided
	Dual automatic independent heaters	Provided
	User-selectable heater clamp operation	Provided
	Onboard user training video	Provided
	Automatic fiber identification	SMF / MMF / DSF / NZDSF / BIF / Other
	Automatic arc calibration	Automatically compensates for environmental condition changes
Size / Weight	Display of remaining Splice & Heat cycles	Provided (Battery mode)
	Wireless LAN connectivity (Option)*3	Provided
	Size	120(W) x 154(D) x 130(H) mm (without anti-shock rubber)
Terminals	Weight	1.8kg (without Battery), 2.0kg (with Battery BU-11S) / 2.1kg (with Battery BU-11)
	Monitor	4.1" touch screen color LCD display
	DC output	DC 12V (for JR-6)
Power supply	USB port	USB 2.0 (mini-B type)
	Storage media	SD / SDHC memory card MAX32GB
	AC input	AC 100 - 240V, 50/60Hz (ADC-1430S)
Operating condition	DC input	DC 10 - 15V
	Battery pack	Li-ion 11.1V, 2,300mAh (BU-11S) / Li-ion 11.1V, 4,600mAh (BU-11)
Storage condition	Altitude : 0 - 6,000m, Temperature : -10 - +50°C, Humidity : 0 - 95% (non-condensing), Wind velocity : up to 15m/sec	
Electrode life **	Temperature : -40 - +80°C, Humidity : 0 - 95% (non-condensing), Battery : -20 - +30°C (long term)	
Software updates	3,000 arc discharges	
Data management	Internet	
	Can be stored, edited and analyzed by dedicated PC software	

\*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 : Wireless LAN connectivity is not available in all countries. For more details, please refer to our Web site. <http://global-sei.com/sumitomo-electric-splacers/>

\*4 : Electrode life may vary depending on the operating environment.

## Environmental Durability\*

Shock resistance	Test details
Shock resistance	Drop from 76cm on 5 faces (excluding top face)
Water resistance	Equivalent to IPx2 (Operates normally after being exposed to water dripping at 3mm/min. for at least 2.5 min on each of 4 surfaces tilted at 15°)
Dust resistance	Equivalent to IP5x (Operates normally after 8 hours in a dust chamber containing dust of particle size 75µm or below)

\*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-1430S	1 pc
AC power cord	PC-AC<X>*	1 pc
Cooling tray	—	1 pc
Spare electrode	ER-10	1 pair
Operating CD manual	—	1 pc
Quick reference guide	—	1 pc
Carrying case with worktable	CC-71+	1 pc
Hand strap	—	1 pc
USB cable	—	1 pc

\*X=3(CEE type), 4(Japan type), 5(British type), 6(Oceania type)  
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
Wireless LAN SD card	WLS-0208	For SumiCloud™ connection
	FHS-025	For φ0.25mm single fiber
	FHS-09	For φ0.9mm single fiber
	FHS-025/LB5	For 0.9mm loose buffered single fiber
	FHD-1	For drop/indoor cable(Cable size : typical 2.0 x 3.1 or 2.6mm)
Fiber holder	TSM-ST	For indoor cable (Cable size : typical 1.6 x 2.0mm)
	FHC-3	For 3mm cable
	BU-11/11S	Li-ion 11.1V, 4,600Ah (BU-11) / Li-ion 11.1V, 2,300Ah (BU-11S)
Battery pack	BC-11	—
Battery charger	PCV-11	For car battery operation (cigarette socket type)
V-groove cleaning brush	VG-2	Brush for cleaning V-groove
Electrode	ER-10	—
Handheld fiber cleaver	FC-7R-F	Automatic blade rotation cleaver
	FC-7M-F8	—
Fiber cleaver	FC-6S-C	Table-top high precision cleaver
	FC-6RS-C	Automatic blade rotation cleaver
Jacket remover	JR-MO3	Jacket remover for single fiber
Loose tube cutter	LTC-01	—
Alcohol dispenser	HR-3	—
Fiber protection sleeve	FPS-1	60mm, diameter after shrink approx. φ3.2mm
	FPS-40	40mm, diameter after shrink approx. φ3.2mm
	FPS-61-2.6	61mm, diameter after shrink approx. φ2.6mm



Carrying case with worktable  
CC-71+



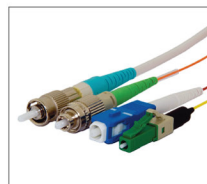
Table-top cleaver  
FC-6 / FC-6R series



Handy cleaver  
FC-7 / FC-7R series



Jacket remover  
JR-MO3



Available for  
Lynx-Custom Fit™  
Splice-On Connector



Electrode  
ER-10

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