

## KR12A



Swift KR12A can splice from single to multiple fibers, such as ribbon fiber. This premium fusion splicer offers a strong option for in-filed fiber splices that deliver superior optical performance and improved productivity. All-in-one features are as follows stripping, cleaning, cleaving, splicing, and protecting.

### Features and Benefits

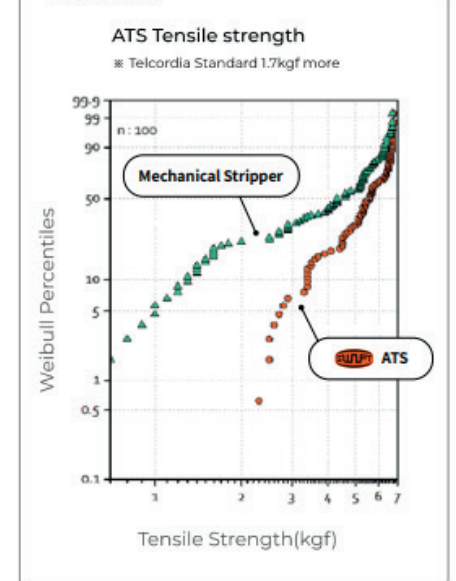
- ALL-IN-ONE SYSTEM OPERATING (Stripping, Cleaning, Cleaving, Splicing, Protecting)
- 7 Minute Ribbonizing including fusion splicing
- Remote maintenance via internet



### Features

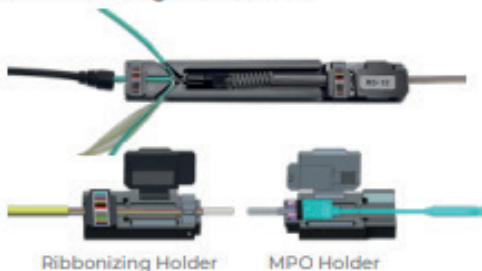
- Remote maintenance via Internet.
- The fusion splicer with ALLINONE system provides the best workability.
- Integrated 5 functions in one unit.
- (Stripping, Cleaning, Cleaving, Splicing and Protecting)
- No scratches on fiber by thermal stripping.
- (Extended tensile of fiber strength by 2kgf more)
- Wide 5.0 inch color LCD monitor with Electrostatic touch screen
- User friendly GUI.
- Powerful lithium polymer battery with large capacity : 6000mAh
- Resistance to Shock, Dust and Water

#### Patented



#### Patented

##### Ribbonizing Holder Kit



#### Patented



##### Rotating Blade Life

**3,650** 12 ribbon fibers + **2,250** ribbon fibers  
 (Adjust the blade height up to 0.12mm),  
 Total **6,200** ribbon fibers

Specifications	
CATEGORY	DESCRIPTION
Fiber alignment	Ribbon
Applicable fibers	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)
Fiber count	Single fiber, 2~12 Ribbon fiber
Applicable fiber dimensions	Single: Cladding diameter 125µm, Coating diameter 250, 900µm Ribbon: Cladding diameter 125µm, Ribbon fiber thickness 0.25 to 0.40mm
Fiber cleave length	10mm
Splicing modes	Splice mode: 300, Heat mode: 100, Strip mode: 50
Average splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 20 sec with standard SM (ITU-T G.652)
Splice loss estimate	Available
Sleeve heating time	1~2 core 20 sec, 4~12 core 50 sec
Applicable protection sleeve	40mm or 60mm (Fiber) / 28mm or 32mm (Connector)
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results)
Tension test	2N / 4.4N (Option)
Operating conditions	Altitude: 0~3,660m above sea level, Temperature: -10°C~50°C, Humidity: 0~95%, Wind: 15m/s, Non-condensing, Dust proof, Water proof, Shock proof
Storage conditions	Temperature: -40°C~80°C, Humidity: 0~95%
Dimensions	136(W) x 215(L) x 132(H)mm (Excluding rubber)
Weight	2.3kg (Including battery)
Viewing method and display	Two CMOS cameras and 5.0-inch color LCD monitor with Electrostatic touch screen
Fiber view and magnification	20X, Max 60X
Power supply	100~240V
Battery life with heat-shrink	125 cycles with 4,700mAh & 160 cycles with 6,000mAh
Electrode life	Up to 1,500 splices
Terminals	USB, External power(DC 12V available for car cigar jack)
Cleaver	CM-03RT
Cleaver blade life	Max. 6,200 fibers

Standard Package		
CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT KR12A 1	1
User guide	Download from UCLSwift Website	
Spare electrode	EI-28	1 pair
Cooling Tray	-	1
Transporting Kaset	Hard Case	1
Battery	4,700mAh	1
ACAdapter	-	1
Fiber Holder	H7-Series	1 pair
Toolbox	-	1
USBCable	-	1
Sleeve Loader	-	2

Optional Package	
CATEGORY	MODEL
Battery	6,000mAh
Cleaver Blade	BI-07
Electrode	EI-23
External Power	DC12V availableforcarcigarjack
Sleeve	R-F40 (40mm)
Sleeve Clamp	-
Optical Fiber Holder	H7-4-10, H7-8-10, H7-12-10, H7-250-10, H7-900-10, H7-2.5-10, H7-IN-10, H7-2-10, H7-6-10, H7-10-10, MPO-10, KR7-12
Cleaver	CM-03RT
Ribbonizing Holder Kit	-
Ribbon Separator	-
Wi-Fi Card	-