

ALL-IN-ONE PRODUCT



ROTATING BLADE LIFE  
ALLOWS UP TO **3,650**



**BENEFITS AND FEATURES**

Remote maintenance via internet

The All-In-One system provides exceptional workability, integrating 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 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operating system

Powerful lithium polymer battery with large capacity: 6000mAh

Resistance to shock, dust and water

User Friendly GUI



SHOCK



WATER



DUST



RIBBONIZING HOLDER KIT



## SPECIFICATIONS

KR12A

CATEGORY	DESCRIPTION
Fiber alignment	Ribbon
Applicable type of 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 125 $\mu$ m; Coating diameter 250; 900 $\mu$ m Ribbon: Cladding diameter 125 $\mu$ m; Ribbon fiber thickness 0.25 to 0.40mm
Fiber setting and cleaved length	10mm
Splicing modes	Splice mode: 300; Heat mode: 100, Strip mode: 50
Typical 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 20sec; 4~12 core 50sec
Applicable protection sleeve	40mm, 60mm (fiber)
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 condition	Altitude: 0~3,660m above sea level, Temperature: -10°C~50°C (-14°F~122°F); Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40°C~80°C (40°F~176°F); Humidity: 0~95%
Dimension	136(W) x 215(L) x 132(H)mm (excluding bumper)
Weight	2.3kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) color LCD monitor with Electrostatic touch screen
Fiber view and magnification	20X, MAX 60X
Power supply	100-240V AC
No. of splice cycles with battery	Typical 236 cycles (6000mAh)
Electrode life	Up to 1,500 splices
Terminals	USB, External Power (DC 12V (available for car cigar jack)), DC Output 13.2~16.8V
Blade life*	Up to 3,650 cleaves + 2,250 fibers (when increasing blade height by 0.12mm)

\* Blade life may change under the condition of working environment.



## STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT KR12A	1
AC adapter	100-240V	1
Spare electrode	EI-28	1 pair
Battery	K3360 (6000mAh)	1
Upgrade cable	-	1
Cooling tray	-	1
Tool box	-	1
User manual	-	1
Carrying case	Hard case	1
Fiber holder	H7-Series	1 pair
USB cable	-	1



## OPTION PACKAGE

CATEGORY	MODEL
Battery	K3360 (6000mAh)
Ribbonizing holder kit	-
Cleaver blade	BI-07
Electrode	EI-28
Fiber holder	H7-4-10, H7-8-10, H7-12-10, H7-250-10, H7-900-10, H7-2-10, H7-6-10, MPO-10-KR12
Sleeve	R-F40 (40mm)
Sleeving clamp	-
External power	DC 12V (available for car cigar jack)
Sleeve loader (2ea)	-
Ribbon separator	-
Cleaver	CM-03RT

\* Design, standard/optional package and specification shown above are subject to change with or without notice.



So. Cal/AZ: 800.659.3655 | No. Cal: 866.227.7699  
arrowwire.com | marketing@arrowwire.com