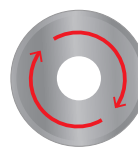# KR12

Ribbon Splicer

Features

- Wide 5.0 inch color LCD monitor with Electrostatic touch screen
- User friendly GUI.
- Powerful lithium polymer battery with large capacity : 4,700mAh
- Resistance to Shock, Dust and Water
- LED lamp installed on the wind cover for low light condition.
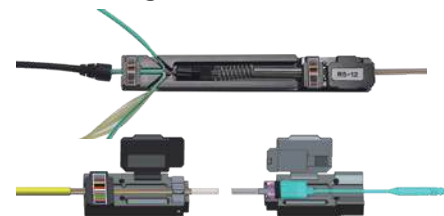
Patented

Rotating Blade Life

Up to **2,000** times for 12 fibers

Optional **4,200** times for 12 fibers

Patented

Ribbonizing Holder Kit

Ribbonizing Holder   MPO Holder

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
Average splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 16 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, 60mm (Fiber), Micro
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results)
Tension test	2N
Operating conditions	Altitude: 0~3,660m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, Non-condensing, Dust proof, Water proof, Shock proof
Storage conditions	Temperature: -40℃~80℃, Humidity: 0~95%
Dimensions	130(W) x158(L) x126(H)mm (Excluding rubber)
Weight	2.1kg (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	More than 1,500 splices
Terminals	USB, External Power(DC 12V available for car cigar jack), DC Output 13.2~16.8V

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT KR12	1
User guide	Download from UCLSwift Website	
Spare electrode	EI-28	1 pair
Transporting Case	Hard Case	1
Battery	4,700mAh	1
AC Adapter	-	1
Fiber Holder	H7-Series	1 pair
Cleaver	CI-03RT	1
Manual stripper	IHS-12 (DC)	1
Alcohol dispenser	-	1
Tool box	-	1
USB Cable	-	1
DC output Cable	-	1
Sleeve Loader	-	2

Optional Package

CATEGORY	MODEL
Battery	6,000mAh
Cleaver Blade	BI-07
Electrode	EI-28
External Power	DC 12V available for car cigar jack
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
Ribbonizing Holder Kit	-
Ribbon Separator	-
Wi-Fi Card	-

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