



# KR7

## Ribbon to Ribbon



CI-03R



IHS-12

### Benefits and Features

- Internet remote access maintenance
- 4.3-inch color LCD monitor with touch screen & bidirectional operation
- Powerful lithium polymer battery with large capacity
- User friendly GUI
- Resistance to shock, dust and Water
- Built-in dual sleeve heater



Shock



Water



Dust

## Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655)
Fiber count	Single fiber, 2~12 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: 100, Heat mode: 100
Typical splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 16sec 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), 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 condition	Altitude: 5,000m above sea level, Temperature: -10 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95%
Dimension	142(W) x 163(L) x 146(H)mm(Including rubber)
Weight	2.0kg(Including battery 2.5kg)
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen
Fiber view and magnification	20X, MAX 55X
Power supply	DC Lithium polymer battery(DC 14.8V, 6000mAh), 100~240V AC Adapter
No. of splice cycles with battery	200cycle
Electrode life	More than 1,500 times
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	KR7	1
AC Adapter	S311	1
Sleeve Loader	S312	2
Spare Electrode	EI-22	1 pair
Battery Pack	K713	1
Alcohol Dispenser		1
Cooling Tray	CT-03(60mm)	1
Holder	H7-Series	1 pair
Manual Stripper (DC)	IHS-12	1
Cleaver	CI-03R	1
DC-Output Cable	-	1
Tool Box	-	1
User Manual	-	1
Carrying Case	Hard Case	1

## Option Package

CATEGORY	MODEL
Battery Pack	K713
Fiber Cleaver	-
Cleaver Blade	BI-05
Electrode	EI-22
Fiber Holder	H7-12,H7-10,H7-8,H7-6, H7-4, H7-2, H7-250, H7-900, H7-IN, H7-2.5
Sleeve	R-F40(40mm)
Sleeving Clamp	SC-01
External Power	DC 12V Available for car cigar jack

\* Design and specifications are subject to change without notice.