

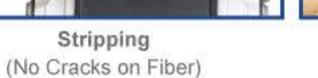




## **Benefits and Features**

- Remote Maintenance via Internet
- Integrated 5 Function in One Unit (Stripping, Cleaning, Cleaving, Splicing and Protecting)
- 4.3-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- Powerful Lithium Polymer Battery with Large Capacity
- Resistance to Shock, Dust and Water
- Built-in Dual Sleeve Heater
- IPAAS Technology based Core Alignment
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard











Cleaving



## Specification

CATEGORY	DESCRIPTION	
Fiber alignment	IPAAS core to core alignment(Image pattern analysis alignment system)	
Applicable type of fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655) GI EDFA, El980, Splicing available with different type fiber(SM/MM)	
Fiber count	Single fiber	
Applicable fiber dimensions	Cladding diameter: 80 ~ 150μm, Coating diameter: 100 ~ 1000μm	
Fiber setting and cleaved length	250μm: 8~16mm, 900μm: 16mm(Application holder: 8mm)	
Splicing modes	Splice mode: 100, Heat mode: 50	
Typical splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB	
Return loss	> 60dB	
Splicing time	Typical 9sec	
Splice loss estimate	Available	
Sleeve heating time	30sec, 90sec(Connector)	
Applicable protection sleeve	40mm, 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 condition	Altitude: 3,660m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof	
Storage condition	Temperature: -40°C~80°C, Humidity: 0~95%	
Dimension	142(W) x 225(L) x 132(H)mm(Including rubber)	
Weight	2.5kg(Including battery 3.2kg)	
Viewing method and display	Two CMOS cameras and 4.3-inch color LCD monitor with touch screen	
Fiber view and magnification	ification X or Y view: 300X, X and Y view: 300X, 187X(Zoom 700X)	
Power supply	ower supply DC Lithium polymer battery(DC 14.8V, 8400mAh), 100~240V AC Adapter	
No. of splice cycles with battery	320cycle	

## Standard Package

Electrode life

Terminals

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	S5	1
AC Adapter	F1-1	1
Sleeve Loader	S312	2
Spare Electrode	EI-21	1 pair
Battery Pack	S513	1
Cooling Tray	CT-03(60mm)	1
Tool Box		1
User Manual		1
Carrying Case	Hard Case	1

## Option Package

More than 3,000 times

USB, RCA, External Power(DC 12V Available for car cigar jack)

CATEGORY	MODEL	
Battery Pack	S513	
Cleaver Blade	BI-05	
Electrode	EI-21	
Fiber Holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC, HS-LC, HS-ST, LS-900	
Sleeve	S-160(60mm), S-140(40mm)	
Sleeving Clamp	Sleeving Clamp SC-01	
SOC Connector SC, LC, FC, ST(Refer to FTTx Solution catalog		
External Power	DC 12V Available for car cigar jack	

<sup>\*</sup> Design and specifications are subject to change without notice.