



S5

Core to Core Alignment



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



Stripping
(No Cracks on Fiber)



Cleaning



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), ITU-T(G.657) GI EDFA, EI980, Splicing available with different type fiber(SM/MM)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~ 150 μ m, Coating diameter: 100 ~ 1000 μ m
Fiber setting and cleaved length	250 μ m: 8~16mm, 900 μ m: 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	28sec (Dual Sleeve Heating)
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(Optional)
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 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	X or Y view: 300X, X and Y view: 300X, 187X(Zoom 700X)
Power supply	DC Lithium polymer battery(DC 14.8V, 8400mAh), 100~240V AC Adapter
No. of splice cycles with battery	320cycle
Electrode life	More than 3,000 times
Terminals	USB, RCA, External Power(DC 12V Available for car cigar jack)

Standard Package

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

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	SC-01
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
External Power	DC 12V Available for car cigar jack

* Design and specifications are subject to change without notice.