SWIFT S5 *Core to Core Alignment, ALL*I*NONE*

The Swift S5's simple and user-friendly design enables users to splice quickly and conveniently throughout the 5 processes; stripping, cleaning, cleaving, splicing & sleeving.

Swift S5's thermal automatic stripper leaves no scratches while a manual stripper scratches on fiber very much.

BENEFITS AND FEATURES

Stripping

- ▸ **No scratches from heated stripping**
- ▸ **Stripping time : 1.5sec**
- ▸ **Over one million life cycles of the motor**
- ▸ **Over 5kg/f Tensile Strength of fiber after stripping**

Cleaning

- ▸ **One-touch pump**
- ▸ **Easy to refill cleaning alcohol**

Cleaving

- ▸ **Single-action cleaving**
- ▸ **Fiber chip collector attached**

Internet remote access maintenance

Bidirectional Operation System

▸ The monitor(Touch screen) can be viewed bi-directionally for user's preference.

Resistance to Shock, Dust and Water

▸ The splicer with high reliability has stable performance even in a harsh environment.

l Shock – Free Fall : 76cm from 5 sides l Waterproof : IPx2 l Dustproof : IP5x

Powerful Lithium Polymer Battery with Large Capacity

▸ More than 350 times for full cycling of splicing and sleeving when fully charged.

Auto-Calibration

▸ Detects the temperature, the humidity, the pressure automatically to calibrate the ARC discharge properly.

IPAAS Technology Basis Core Alignment

▸ Swift S5 is the core alignment splicer based on the IPAAS (Image Pattern Analysis Alignment System) Technology.

Built-in Dual Sleeve Heater

▸ Productivity would be increased up to 30% due to a simple & user-friendly design.

▸ The dual-heater can work for both Fiber to Fiber and Fiber to Swift Connector.

Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

I SPECIFICATIONS

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, EI980, Splicing available with different type fiber(SM/MM)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~ 150㎛, Coating diameter: 100 ~ 1000 ㎛
Fiber setting and cleaved length	250㎛ : 8~16mm, 900㎛ : 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: 0~5,000m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, 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	320cycle

with battery	
Electrode life	**More than 3,000 times**
Terminals	**USB, RCA, External Power(DC 12V Available for car cigar jack)**

I STANDARD PACKAGE

Category	Model	Qty
Arc Fusion Splicer	**S5**	**1**
AC Adapter	**F1-1**	**1**
USB Cable	**-**	**1**
Upgrade Cable	**-**	**1**
Sleeve Loader	**S312**	**2**
Spare Electrode	**EI-21**	**1 pair**
Battery Pack	**S513**	**1**
Colling Tray	**CT-03(60mm)**	**1**
Hex Wrench	**-**	**3**
Moving Strap	**-**	**1**
Tool Box	**-**	**1**
Brush	**-**	**1**
User Guide CD	**-**	**1**
Data Sync CD	**-**	**1**
User Manual	**-**	**1**
Silica Gel 20g	**-**	**1**
Calibration Guide Manual	**-**	**1**
HC-Key	**-**	**1**
Shoulder Belt	**-**	**1**
Carrying Case	**Hard Case**	**1**