

Core Alignment Fusion Splicer

Swift-s3



Key Features

- Core Alignment by IPAS Technology
- Resistance to the Environment with Shock, Rain and Dust
- Powerful Battery with Large Capacity
- Dual Sleeve Heater
- Automatic Discharge Calibration
- Smallest, Lightest & Fastest
- 4.3 Color LCD Monitor with Touch Panel
- Bidirectional Operation System
- Attached Sleeve Loader
- Attached Night Light
- ROHS Compliant



Benefits and Features

Swift-S3



IPAS Technology Basic Core Alignment

Swift-S3 is a core alignment splicer based on IPAS (Image Pattern Analysis Alignment System) Technology

Smallest, Lightest and Fastest

Swift-S3 is the smallest, lightest and fastest among all existing core alignment splicers.

Dimension : 138(W) 160(D) 135(H) } Including battery and
Weight : 2.3kg } shock-proof bumpers
Splicing Time : 9 seconds,
Sleeve heating time : 26 seconds



Dust, Shock and Rain Resistant

The high reliability splicer, has stable performance even in a harsh environment



Large Capacity Lithium Polymer Batteries

Standard battery pack provides over 250 splice/heating cycles



Automatic Discharge Calibration

Automatically detects environmental parameters, such as temperature, humidity and air pressure, consequentially calibrating discharge rate

Benefits and Features

Swift-S3

4.3" Colour Display with Touch-Screen

Magnification : 300X, 170X

LCD display is equipped with a touch screen interface, in addition to standard operating buttons, enhancing ease of operation

Bi-Directional Display

Display screen can be flipped upwards and downwards to select best viewing option

Sleeve Loader Prevents Sleeve Contamination

Sleeve loader prevents sleeve from falling down during splicing operation. This feature has great benefit when operating in manholes (risk of contamination from dust or water) or on telephone poles.

Built-in Dual Sleeve Heaters

Dual sleeve heaters enhance productivity and efficiency by a factor of up to 20% by optimizing the overall splicing process.

Standard Package and Options



Optional Cleavers



CI-01



CI-02



CI-03A



CI-03B

Swift-S3 SPECIFICATIONS	
Subject	Description
Splicing technology	IPAS Core to Core Alignment (Image Pattern Analysis Alignment System)
Applicable fibres	SMF(ITU-T G.652), MMF(ITU-T G.651), DSF(ITU-T G.653), NZDSF(ITU-T G.655), EDFA, EI980, Splicing available with different fibre types (SM/MM), ITU-T G.657
Fibre diameter	cladding : 80~150 µm, coating : 100~1000 µm (single)
Fibre cleave length	250 µm (Coat) : 8 ~ 16mm; 900 µm: 16mm
Typical splice loss	SMF : 0.02dB, MMF : 0.01dB, DSF : 0.04dB, NZDSF : 0.04dB
Return loss	Less than -60 dB
Splice time (typical)	9sec
Heating time (typical)	26sec with S-160 (60mm) tube
Splice memory	Last 2.000 splices (last 100 images)
Operating altitude	0 ~ 5000m above sea level
Operating condition	-10 to 50 °C , 95% RH, non-condensing
Storage condition	-40 to 80 °C, 0 to 95% RH
Protection	Wind 15 m/s, shock proof, water proof, dust proof
Size	138W x 160L x 135H (including Monitor & Bumper)
Weight	2.3Kg (including battery pack)
External interfaces	USB, RCA, External Power
Power	DC 14.8V Battery (5600mAh), 100 ~ 240V _{AC} Adaptor
Additional power	DC 12V automobile power outlet available
Battery life	250 cycle (splicing + heating)
Electrodes life	Over 2,000 splices
Display	4.3 inches colour LCD monitor, with touch panel
Fibre view magnification	300x and 170x on both X,Y axis

Standard Package		
Description	Model	Q.ty
Splicer	S3	1
AC adapter	S311	1
Sleeve loader	S312	2
Spare electrodes	EI-21	2
Battery pack	S313	1
Alcohol dispenser		1
Carrying case		1
User manual		1

Options	
Description	Model
Battery pack	S313
Fibre cleaver	CI-01; CI-02; CI-03A; CI-03B
Heat stripper	Auto stripper (ATS)
Stripper/cleaver	Multipack (MPS)
Cleaver blade	BI-05
Protection sleeves	S-160 (60mm); S-140 (40mm)



Wert Italia Srl
Via Bellardi 99
10146 Torino – I
<http://www.rertech.it>
sales@rertech.it