

# SFS-2000H CORE ALIGNMENT FUSION SPLICER

- Core to core alignment (6 motors)
- 7s fast splicing, 14s highly efficient heating
- 10000 groups & 100 images of fusion records storage
- 300 groups of splice modes, 100 groups of heating modes
- At least 300 counts of splicing and heating cycles
- Dust-resistant, water-resistant, shock-resistant
- USB and SD card interface, auto update of U disk
- Ceramic presser foot, ceramic V-groove, all-in-one fixture
- Dual-directional fusing, auto fusing, intelligent heat shrink
- 320/200 times image magnification, 5mm fusing for ultra short cleave length
- GUI (graphical user interface) and touch screen, convenient for operation



## ▶ OVERVIEW

The Saluki SFS-2000H is the new standard core to core alignment fusion splicer. Light Weight, Touch Screen, Friendly UI, Fast Fusion and Heating, makes it very popular and hot.

## ▶ APPLICATIONS

- ※ Data Center
- ※ FTTx
- ※ Metro
- ※ Fiber Optic Components
- ※ Optical Assembly



All-in-one fixer and Splice-on connector is optional



Graphical interfaces and touch screen



Intelligent heat shrink

## Technical Specifications

Model	SFS-2000H
Motor Qty.	6
Alignment Method	Precise core alignment, manual alignment
Applicable Fibers	SMF (ITU-T G.652 ), BIF (ITU-G.657), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655)
Typical Splice Loss	0.02dB (SMF/BIF), 0.01dB (MMF), 0.04dB (DSF); 0.04dB (NZDSF)
Optical Fiber Diameter	Cladding: 80 - 150µm, coating layer: 0.1 - 3mm
Return Loss	Better than 60dB
Splicing Time (Typ.)	7s (fast mode)
Heating Time (Typ.)	14s (40mm, 23 °C)
Splicing / Heating Programe	300/100
Attenuation Value Accuracy	0.01dB
Estimated Splice Loss	Yes
Protection Sleeve Length	20mm – 60mm
Results Storage	10000 records / 100 images
Tension Test	1.96N - 2.25N
Electrode Life	Typical 4000 ARCS, can be replaced by customers
Fiber View & Magnification	X, Y, XY, X/Y & 320/200x, 700x magnification
Splicing & Heating Times	300 times (100% battery charge)
Automatic Calibration	Automatic ARC calibration by air pressure and temperature
Terminal	USB / SD
Battery Capacity	11.1V, 6800mAh, battery indicator in display
Battery Service Life	Cycle charging: 300 - 500 counts, can be replaced by customers
Display	4.3 inch high resolution display with touch screen
Weight	1.8kg (excluding battery), 2.1kg (including battery)
Dimension	120 (W) * 130 (H) * 154 (D) mm

## Standard Configuration

Description	Qty.	NO.
SFS-2000H host	1 pc	1
Fiber cleaver	1 pc	2
Fiber stripper	1 pc	3
Cable stripper	1 pc	4
AC adapter	1 pc	5
AC power cord	1 pc	6
Spare electrode	1 pair	7
Cooling tray	1 pc	8
Alcohol bottle	1 pc	9
Quick guide manual	1 pc	10
Carrying case	1 pc	11

