

KEY FEATURES

- Core to Core Alignment
- Easy maintenance
- Ruggedized construction
- Minimum manual operation
- Automatic ARC calibration
- Remote function via Ethernet
- Consistent splicing performance
- Faster 7s splicing, 25s heating
- 5.7" High-Resolution Color LCD
- Auto-start splicing and tube heater operation
- 10400mAh Li-ion battery with 220 splices per charge



SPECIFICATIONS:

Model	SFS-1000
Applicable Fibers	Single / SMF (G.652 and G.657), MMF (G.651), DSF (G.653), NZDSF (G.655) Bare fiber, Pigtails, Patch cords
Cladding Diameter	80 μm to 150 μm
Coating Diameter	100 μm to 1,000 μm
Cleave length	8mm to 16mm
Splice mode	Total 40 splice modes
Heating time	from 10s to 90s
Typical splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DSF), 0.04dB (NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Return loss	>>60dB
Typical splice time	7sec SM AUTO mode
Typical tube heating time	25sec
Splice result storage	Last 5,000 splices
Viewing methods / magnification	2 axis CMOS camera with 5.7" color LCD. 304X, 152X
Splice loss estimate	Based upon dual camera core axis alignment data.
Tension test	2N
Applicable protection sleeve	60mm, 40mm, micro
No. of splice / heating per battery full charge	Typical 220 cycles
Typical electrode life	5000 splices
Lighting	High brightness white LED
Power supply	AC 100-240V, 50/60Hz DC 13.5V/4.5A Li-ion 11.1V, 10400mAh
Dimensions	160L x 150W x 140H (mm)
weight	2.3kg with AC adapter; 2.8kg with battery
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Terminals	USB, VGA
Software updates	USB

OVERVIEW

The Saluki SFS-1000 is the new standard core alignment fusion splicer. Known for its ruggedness and reliability, it is the world's best-selling single fiber fusion splicer.

APPLICATIONS

- Data center
- FTTX
- Metro
- Fiber Optic Components
- Optical Assembly
- R&D and Manufacturing



High Precision Ceramic V-Groove



Compatible Fiber Holder



Applicable Fibers (Bare fiber, Pigtails, Patch cords)

STANDARD PACKAGE:

Description	Q'ty	NO.
Fusion Splicer	1	1
Fiber Cleaver SFC-1	1	2
Jacket Stripper	1	3
Drop cable stripper	1	4
AC adapter	1	5
AC power cord	1	6
Spare electrodes	1 pair	7
Cooling Tray	1	8
Alcohol pot	1	9
Dust blowing ball	1	10
Instruction manual	1	11
Carrying case	1	12

