

SFS-2000H Optical Fiber Fusion Splicer

Core-to-core / Touch Screen / 7" Fast Splicing / 14" Fast Heating / Water & Dust Resistant

Key Features

- Small size, light weight
- 7s fast splicing, 15s efficient heating (40mm thin heat shrink tubing)
- 5mm ultra-short cutting length fiber splicing
- 304 splicing modes, 104 heating modes, 30,000 splicing records/200 pictures
- Ceramic V-groove, all-in-one clamp
- Automatic splicing, intelligent heat shrinking
- USB and SD card interface, automatic software upgrade on USB flash drive
- Built-in modular lithium battery, splicing and heating cycles at least 220 times
- GUI graphical interface and touch screen design, easier to operate
- Dustproof, waterproof, drop-proof, strong environmental adaptability

Typical Applications

- FTTx
- Metro
- Data center
- Optical assembly
- Fiber optic components



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Features To Boost Your Efficiency

- ◆ Water-resistant, dust-resistant, shock-resistant, greater environment adaptability



Shock-resistant



Rain-resistant



Dust-resistant



Water-resistant



High-temp-resistant

- ◆ All-in-one fixer (optional splice-on connector for SFS-2000H)



- ◆ Graphical interfaces and touch screen



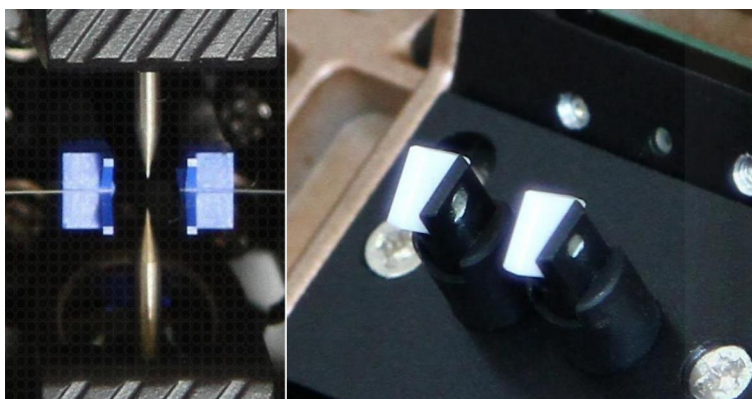
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- ◆ Intelligent heat shrink



- ◆ Ceramic V-groove and ceramic presser foot



- ◆ Multi-functional carrying case (Standard Package)



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Technical Specifications

Model	SFS-2000H
Motor qty.	6
Alignment method	Precise core alignment, cladding alignment, manual alignment
Applicable fibers	Ordinary fiber, leather and jumper compliant with ITU-TG.651~653 G.655, and G.657 regulations
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
Splicing time (typical)	7s (Fast mode)
Heating time (typical)	<15s (40mm, 23℃)
Tension	1.96 - 2.25N
Protection sleeve	60mm, 40mm and a series of protection sleeves
Graphical display	High-performance 4.3 inch LCD
Fusion records	30000 groups / 200 images
Max. power consumption	80W
Battery capacity	11.1V, ≥5200mAh
Battery service life	Cycle charging: 300 - 500 times, can be replaced by customers
Electrode service life	Typical: 3000 times, can be replaced by customers
Construction lighting	Built-in lights with high-brightness and wide lighting area

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General Information

Model	SFS-2000H
Working environment	Altitude: 0 to 6000m above sea level Humidity: 0 to 95%RH, non-dew Temperature: -10 to 50°C Wind: 15m/sec*4
Operation interfaces	GUI (graphical user interfaces)
External power	AC: 100 - 240V, 60Hz, 0 - 1.5A DC: 10 - 15V
Port	USB / SD
Dimensions	120mm ×130mm×154mm (WxHxD) (without rubber anti-vibration pad)
Weight	1.8kg (without battery), 2.1kg (with battery)

Standard Package

No.	Description	Qty.
1	Fusion splicer	1 PC
2	S33012 fiber cleaver	1 PC
3	AC adapter	1 PC
4	AC power cord	1 PC
5	Fiber stripper	1 PC
6	Cable stripper	1 PC
7	Spare electrode	1 PAIR
8	Cooling tray	1 PC
9	Cleanup tools	1 SET
10	Multi-functional carrying case	1 PC
11	Certificate of quality	1 PC
12	User manual	1 PC

Note: Information will conduct the necessary updates , the contents of this document are subject to change without notice.

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