

SFS-7000H Core Alignment Digital Fusion Splicer

Core-to core Alignment/ 6" Fast Splicing / 13" Fast Heating / Touch Screen

Key Features

- DACAS-Digital analysis core alignment systems
- 6s SM fiber fast splicing, 13s highly efficient heating
- 0.01dB splice loss
- Auto ARC calibration
- 5000 arcs electrode life
- 340 counts of splicing and heating with 100% battery charge
- V-groove precise alignment, high quality and low loss
- 5 inch LCD touch screen with 520X image magnification
- 20000 groups & 200 images of fusion records storage
- Dust proof, water proof, shock proof and high temperature resistance
- 3 high-power white LEDs and illuminated keypads suitable for night work
- GUI (graphical user interface) and touch screen, convenient for operation
- German CNC technology and integrated fiber-adjust frame, more stable performance

Typical Applications

- FTTx
- Metro
- Data center
- Optical assembly
- Fiber optic components
- R&D and Manufacturing



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Features To Boost Your Efficiency

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



Shock-resistant



Rain-resistant



Dust-resistant

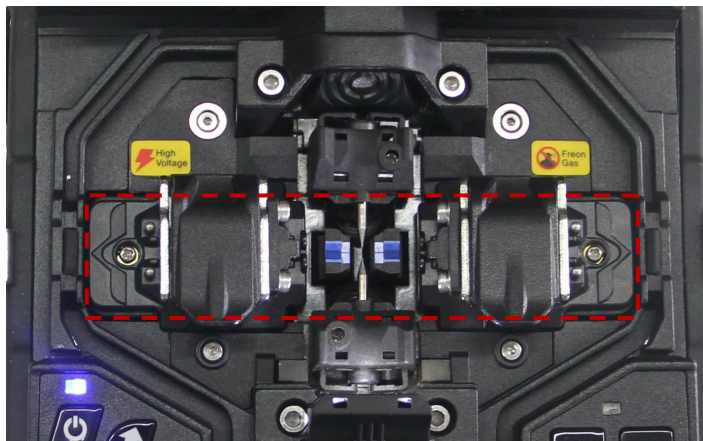


Water-resistant



High-temp-resistant

- ◆ All-in-one fixer



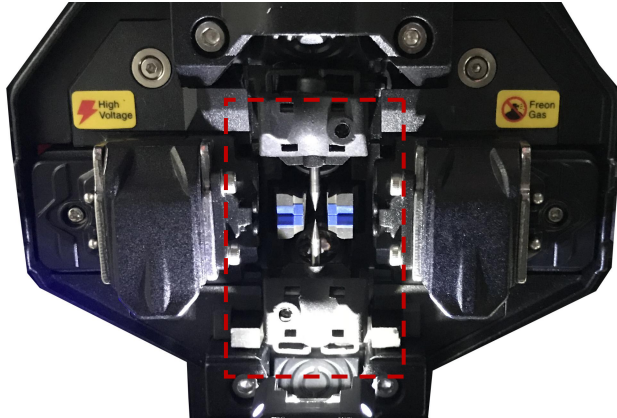
- ◆ Intelligent heat shrink



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- ◆ 3 High-power white LEDs



- ◆ Battery electric power display



- ◆ Multi-functional carrying case



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Technical Specifications

Model	SFS-7000H
Alignment Method	Core-to-core alignment
Applicable Fibers	SMF (ITU-T G.652), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655), BIF (ITU-TG.657)
Typical Splice Loss	0.02dB (SMF), 0.01dB (MMF), 0.04dB (DSF), 0.04dB (NZDSF), 0.02dB (BIF)
Return Loss	≥ 60dB
Compatible Fiber	0.25mm – 3.0mm, Indoor cable
Splicing Time	6s (SM fast mode)
Splicing Mode	Preset 41 splicing modes, storable 100 modes
Heating Time	Fast heating time: 13s, Typical heating time: 30s
Heating Tank	Preset 5 kinds of thermal heating tube: 20/30/40/50/60mm, Maximum 100 modes
Estimated Splice Loss	Yes
Protection Sleeve Length	20mm – 60mm
Results Storage	20000 records & 200 images
Tension Test	1.96N – 2.25N
Electrode Life	5000 ARCS
Display	5 inch color high resolution touch screen, 90° bi-directional view
Lighting	3 high-power white LEDs
Fiber View & Magnification	X, Y, XY, X/Y & 520x magnification
Splicing & Heating Times	340 times (100% battery charge)
Automatic Calibration	Automatic ARC calibration by air pressure and temperature
Operating Methods	Button or Touch screen
Terminal	USB, Mini USB 2.0

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Power Supply	AC input 100-240V, DC input 12-15V
Battery Capacity	5200mAh
Weight	2.233kg (including battery), 1.853kg (excluding battery)
Dimension	140mm*170mm*176mm (including rubber bumper), 130mm*170mm*170mm (excluding rubber bumper)
Operating Condition	Altitude: 0-5000m above sea level; Temperature:-10 to 50°C; Humidity: 0 to 95%RH, non-dew; Wind: 15m/s
Storage Condition	0 to 95%RH, -40 to 80°C; Battery storage: -20 to 30°C

Standard Package

No.	Description	Qty.
1	SFS-7000H host	1 PC
2	Fiber cleaver	1 PC
3	Battery	1 PC
4	Spare electrode	1 PAIR
5	Power adapter	1 PC
6	Power cable	1 PC
7	Cooling tray	1 PC
8	Carrying straps	1 PC
9	Alcohol bottle	1 PC
10	Cleaning brush	1 PC
11	Fiber stripper	1 PC
12	Cable stripper	1 PC
13	Fiber cleaver tray	1 PC
14	Carrying case	1 PC

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

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