

## SX-4106S

### FUSION SPLICER

#### Features

- ◆ Precise cladding alignment, ultra-low fiber fusion splicing consumption 7s fast fusion splicing.
- ◆ 18s highly efficient heating.
- ◆ 320 times image magnification.
- ◆ 5mm fusion splicing for fibers of ultra-short cutting length.
- ◆ 300 groups of fusion splicing modes.
- ◆ 100 groups of heating modes.
- ◆ 10000 groups of fusion records.
- ◆ 64 images storage Ceramic presser foot.
- ◆ Dual-direction splicing, automatic splicing, intelligent pyro condensation, USB and SD card interfaces, U-disk automatic software upgrade.
- ◆ Three Splicing modes: auto, half-auto, manual.
- ◆ Built-in modular lithium battery, supports 220 times of splicing and heating cycles.



#### Standard Configuration

No.	Item	Unit	Qty	Remarks
1	Fusion Splicer	pcs	1	Main body
2	Fiber Cleaver	pcs	1	Accessories
3	Fiber Coat Stripper	pcs	1	Accessories
4	Internal Battery	set	1	Accessories
5	Charger	pcs	1	Accessories
6	AC Power Cord	pcs	1	Accessories
7	2G USB Flash Disk	pcs	1	Accessories
8	Spare Electrodes	pair	1	Accessories
9	Cooling Tray	pcs	1	Accessories
10	Alcohol Pump Bottle	pcs	1	Accessories
11	Carrying Case	pcs	1	Accessories
12	Carrying Belt	pcs	1	Accessories
13	User's Manual	pcs	1	Accessories



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### Technical

1	Fiber heater	Effective heating length: ≤60mm Heating time: 10s ~ 255s, settable as required. Typical heating time: ≤25s(standard 40mm sleeve), ≤28s(standard 60mm sleeve)
2	Power supply	External DC power input Input voltage is 13.5±0.5V; input current≥4.4A; socket center is positive. Built-in lithium-ion battery for power supply. The lithium-ion battery is 11.1V, ≥5.2Ah, full charging time is approx. 2.5h
3	Dimensions and weight	Dimensions: W×H×D=120mm×130mm×154mm(without vibration-free rubber pad) Weight: approx.1.95kg(with the lithium-ion battery), approx.1.75kg(without the lithium-ion battery)
4	Environmental conditions	Operating temperature: -10°C ~ +50°C Temperature limit: -20°C ~ +55°C Operating humidity: 95%RH and below(non-condensing) Max. wind speed: 15m/s Storage temperature: -40°C ~ +80°C, Storage humidity: 95%RH and below (non-condensing)
5	Splice loss	Typical loss values of spliced points are: Single-mode fiber: 0.03dB Multi-mode fiber: 0.01dB Dispersion shifted fiber: 0.04dB Non-zero dispersion shifted fiber: 0.04dB Typical splice time: 7s(FAST mode, typical) Monitor: with touch screen function, 4.3 inch TFT color LCD USB port: system update and data transmission Real-time display of remaining battery capacity Built-in lighting with high brightness, for convenient loading of fibers

