

SX-765

FUSION SPLICER

Features

- ◆ Push-pull fiber clamp, which can weld various optical fibers without replacing the clamp.
- ◆ After the system is turned on, the system quickly checks itself to ensure that the fusion splicer is in the best working state at any time.
- ◆ Fully automatic welding, 8s welding on average, improve engineering efficiency.
- ◆ 20 seconds V-shaped fast heater, induction recognition, automatic heating.
- ◆ Large storage capacity: ≥8000 sets of connection results and 200 sets of fusion images can be stored.
- ◆ All digital, dual-axis synchronous alignment; high precision and fast speed.
- ◆ Pluggable battery, dual-mode power supply, triple-mode charging.
- ◆ Colorful breathing lights, different lights indicate different welding status.
- ◆ Innovative shockproof shell design, shockproof and drop resistant.
- ◆ Pause function is convenient for scientific teaching and research.



Standard Configuration

No.	Item	Unit	Qty	Remarks
1	Fusion Splicer	pcs	1	Main body
2	Power Supply module	pcs	1	Accessories
3	Carrying Case	pcs	1	Accessories
4	Spare Electrodes	set	1	Accessories
5	Cooling Tray	pcs	1	Accessories
6	Power cord	pcs	1	Accessories
7	User Manual	pcs	1	Accessories
8	Drop Wire Stripper	pcs	1	Optional
9	Fiber Stripper	pcs	1	Optional
10	Fiber Cleaver	pcs	1	Optional



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Technical

1	Applicable Fibers	SMF(G.652),MMF(G.651) ,DSF(G.653) ,NZDSF(G.655),BIF(G.657)
2	Core Quantity	Single
3	Typical Splice Loss	0.02dB(SMF),0.01dB(MMF),0.04dB(DSF),0.04dB(NZDSF),0.02dB(BIF)
4	Return Loss	≥60dB
5	Tension Test	2.0N (200gf) Standard
6	Material of Fiber Core	Quartz Fiber
7	Fiber Diameter	Cladding Diameter: 80-150 μm; Coating Diameter: 100 μm~3mm
8	Cleaved Length	8~16mm
9	Lighting	Available
10	Estimated Splice Loss	Available
11	Splicing Time	8 sec
12	Tube-heat Time	20 sec
13	Fiber View & Magnification	X, Y, X/Y; 300X Magnification
14	Alignment	Core-Alignment, Cladding-Alignment, Auto
15	Electrode Life	5000 arcs, can be extended by using an electrode grinder
16	Protection Sleeve Length	20-60 mm, and other special sleeves
17	Splicing Program	6 modes factory preset, 74 user-defined
18	Heating Program	6 modes factory preset, 14 user-defined
19	Auto Heat	Yes
20	Data Storage	8000 results, 200 splice images
21	Language	Chinese, English, French, Korean, Russia, Spanish.....
22	Operating Environment	Temperature:-25 ~ + 50°C; Humidity:0 ~ 95%RH; Altitude:0 ~ 5000m; Wind Protection: Max. wind velocity of 15m/s
23	Storage Temp	Temperature:-40 ~ +80°C; Humidity:0 ~ 95%RH
24	Power Supply	AC Adapter: Input Voltage:85 ~ 260V, 50/60Hz Battery:Voltage:12V, Capacity:6.5Ah
25	Battery Power	260 times splicing and heating
26	Data Management	Can upload the result and screenshot to PC
27	Display	4.3 color LCD
28	Dimension/Weight	152 (D) ×142 (W) ×145 (H) mm 1.57kg/1.98kg(with battery)

