



## Specially Designed for Small Diameter Splicing

- Applicable to 50~80μm small diameter fiber splicing
- Imported motor for precise fiber core alignment
- 5" high resolution display, dual operating mode (touch screen & button)
- Intelligent operating system, automatic & real-time ARC calibration
- Large capacity Li-battery, typical fusion splicing heating 300 times

## MORE INFO



**Precise structural design  
6 Motor Core to Core Alignment**



**Intelligent real-time automatic  
ARC calibration System**



**Splicing Time:6-12 seconds**



**Low Splice Loss**

## SPECIFICATIONS

<b>Model No.</b>	S-100
Alignment Method	6 motors core to core alignment
Applicable Fiber	SM/MM/DS/NZDS etc.
Cladding Diameter	50~80μm
Coating Diameter	100~160μm
Typical Splice Loss	50μm-50μm<0.2dB; 80μm-50μm<0.5dB
Return Loss	>60
Cleaved Length	10~16mm(cladding diameter<250μm);16mm(cladding diameter 250~1000μm)
Splicing Program	100 modes
Operation Mode	Manual/Auto
Auto-Heating	Available
Splicing Time	6~12 seconds
Heating Time	18~26 seconds for 40mm and 60mm shrinkable sleeves
Fiber Magnification	400 X (X or Y view), 200X (X and Y view)
Viewing display	Dual high sensitivity camera, 5.0"HD color LCD touch screen
Data Storage	Last 10000 results and 100 images
Loss Evaluation	Available
Tension Test	1.8~2.2N
Interface	GUI menu interface, easy for operation
Battery Capacity	Detachable 5200mAh Li-battery, typical 300 cycles splicing and heating
Power Supply	Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Electrode Life	More than 5000 ARC discharges, easy to replace
Terminal	USB 2.0 port, for software upgrading, records exporting
Operating condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Dimension/Weight	155mm(L)×144mm(W)×155mm(H)(including rubber bumper) / 2.37kg(with battery)

## PACKING

Item	Quantity
Fusion Splicer	1pc
Fiber Stripper	1pc
Spare Electrodes	1pair
Power Adapter	1pc
User Manual(USB drive)	1pc
Cleaning Brush	1pc
Strap	1pc
Cooling Tray	1pc
Power Cord	1pc
Carrying Case	1pc



Please understand the above contents are subject to change without prior notice.