S-100 Small Diameter Fusion Splicer

SHINHO
CONNECTING FUTURE

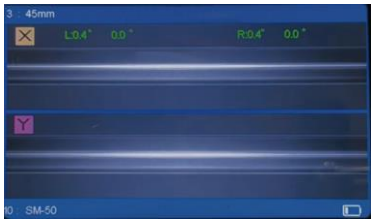
Specially Designed for Small Diameter Splicing

- 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
- Universal fiber holder, suitable for a variety of fiber types

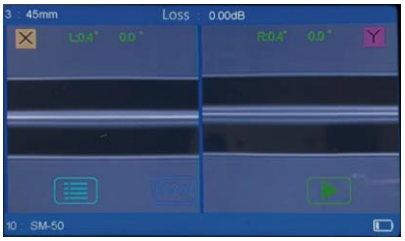
MORE INFO

Precise structural design
6 Motor Core to Core Alignment

Intelligent real-time automatic
ARC calibration System



Splicing Time:6-12 seconds



Low Splice Loss

More info
sales@xhfiber.com
SHINHO OPTICS LIMITED
www.xhfiber.com.cn www.shinhooptics.com

S-100 Small Diameter Fusion Splicer

SPECIFICATION

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 < 0.4dB
Return Loss	> 60dB
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	10000 groups fusion records,100 groups 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 win: 15m/s
Dimension/Weight	155mm(L)×144mm(W)×155mm(H)(including rubber bumper)/2.37kg(with battery)

PACKAGE

Items	Qty	Items	Qty	Items	Qty
S-100	1pc	Power Plug	1pc	Spare Electrodes	1pair
Fiber Stripper	1pc	Power Adapter	1pc	Cooling Tray	1pc
Cleaning Brush	1pc	User Manual(USB driver)	1pc	Carry Case	1pc

More info
sales@xhfiber.com
SHINHO OPTICS LIMITED
www.xhfiber.com.cn www.shinhooptics.com