Specialty Fiber Optic Fusion Splicer

SHINHO·CONNECTING FUTURE

S-100 Small Diameter Fiber Fusion Splicer

Specially Designed for Small Diameter Fiber 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

Specifications

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	Last 20000 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)

Package


Fusion Splicer


Fiber Stripper


Power Plug


Spare Electrodes


Power Adapter


Strap


User Manual


Cooling Tray


Cleaning Brush


Carrying Case

Specifications and descriptions are subject to change without prior notice.