

ShinewayTech® OFS-95 series optical fiber fusion splicer is designed with high-speed image processing technology and special precision-positioning technology. It will automatically finish the whole fiber fusion process in 7 seconds by fast mode, and splice loss is lower than 0.02dB for single mode fiber. 5-inch touch LCD, dual CMOS monitors, X and Y axis separately display or simultaneously display, thus different fusion stages can be showed clearly. It is compatible with ITU-T SM/MM/DS/NZDS/ED fiber, and is equipped with 4-in-1 holders and SOC adapter.

OFS-95 has small size, light weight, AC/DC power supply and 200+ splicing and heating circles, so it is particularly suited to telecommunications, radio and television, railway, electric power, military, research institutes for optical fiber communication construction and maintenance. OFS-95 is perfect for FTTH installation and maintenance.



ShinewayTech®

Optical Fiber Fusion Splicer

OFS-95

Hardware Structure Design Feature

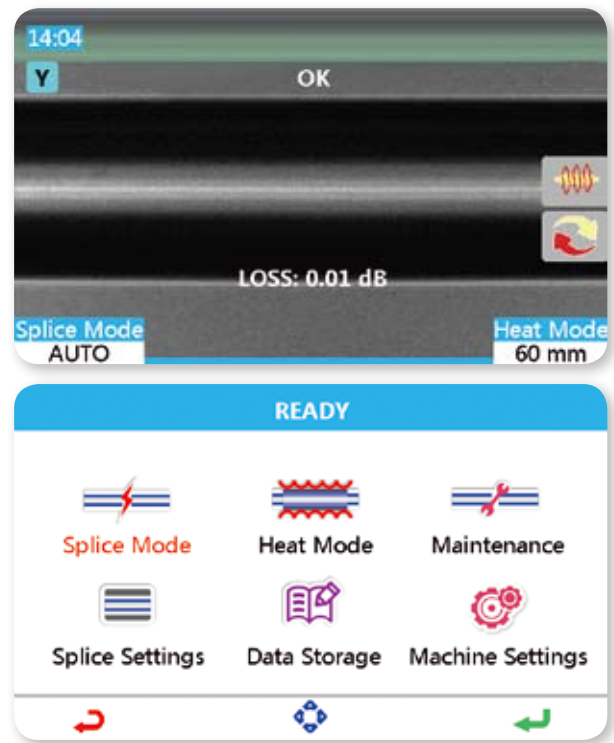
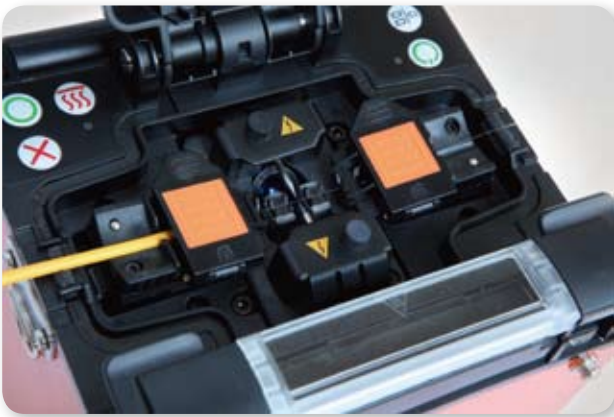
- Compact and convenient
- 4/6 motors for clad / core precision splicing
- Splice Loss: SMF/BIF: $\leq 0.02\text{dB}$ (typ.); MMF: $\leq 0.01\text{dB}$ (typ.); DSF/NZDSF/EDF: $\leq 0.04\text{dB}$ (typ.)
- High precision 4-in-1 holder (250 μm /900 μm /patch cord/FTTx indoor fiber etc), SOC holder
- Quick mount battery design
- Double V-groove design
- Inner light for operation in dark environment
- Wind / dust / water-splash / shock proof

Software Feature

- Auto checks fiber end-face, calibrate position of splicing, calculate splicing loss with temperature and pressure compensation
- X/Y single screen and X&Y switch
- Auto splice, auto arc optimization, auto heating
- $\leq 7\text{s}$ splicing time, $\leq 25\text{s}$ heating time (adjustable)
- 3 hours fast charge
- Battery with power indicator, convenient for carrying and change
- Built-in electrode counter

OFS-95 Holders

High precision 4-in-1 holder design exquisitely, operate conveniently, can hold 250 μm , 900 μm , 3mm patch cord and FTTx indoor fiber.



Specifications

Model	OFS-95EA	OFS-95S
Display	5 inch Color touch LCD, X/Y, X+Y, Auto turn-over	
Dimension	125×125×135mm (L×W×H) (without rubber boot)	
Weight	1.6Kg	1.8Kg
Alignment	Clad	Core
Fiber Type	SMF (ITU-T G.652), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655),	
Fiber Material	SiO ₂	
Fiber Count	Single	
Cladding Diameter	80~150μm	
Coating Diameter	100~1000μm	
Fiber Cleave Length	8~16mm (Coating diameter: 0~250μm); 16mm (Coating diameter: 250~1000μm)	
Sleeve Length	≤60mm	
Splice Mode	Arcing / 60 modes	
Splice Loss Evaluation	Yes	
Fiber Check	Fiber cleaving angle / axis offset / loss / fiber alignment / focus etc.	
Memory Space	5,000 splices /100 screenshots	
Tension Test	2N	
Electrode Life	5000 arcs	
V-groove	White LED	
Splice Loss	SMF/BIF≤0.02dB(typ.) / MMF≤0.01dB(typ.) / DSF/NZDSF/EDF≤0.04dB(typ.)	
Return Loss	>60dB	
Splice Time	≤7 seconds	≤9 seconds
Boot Time	5 seconds	
Heating	Auto heating / 25 seconds (Typical, 0~240s adjustable) / 20 modes	
Battery	200+ (splice + heating) circles	
Motor Number	4	6
Power Saving	Auto screen / power off (Adjustable)	
Power Supply	4400mAh Lithium Battery	
Connectivity	USB	
Working Condition	-25°C~+50°C / -40°C~+70°C (Working / Storage), Humidity: 0~95%(Non-Condensing) Altitude: 0~5000m, Wind Speed≤15m/s	

*Specifications subject to change without notice

Standard Package

Fusion Splicer, Cleaver, Lithium Battery, Cooling rack, 4-in-1 Fiber holder (one pair), USB data cable, Adapter, Carrying Case, Calibration Certificate, Warranty card, User Manual (CD)

Option Items

SOC Splicing Holder, Spare Electrode (one pair), Electrodes Cleaner, Cleaver Blades, Miller Stripper, Thermal Stripper, Kevlar Scissors, Alcohol Pot, Car Charger, Nipper (Plastic), Cotton Swab, Lamp, etc.



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