

OFS-95R Ribbon Fiber Fusion Splicer uses high-speed image processing technology and high-precision V-groove precision positioning technology, which can make the optical fiber fast with automatic fusion and has high-quality fusion effect. The 5-inch LCD and dual CMOS monitors are perfectly matched, and the X-axis and Y-axis can be displayed simultaneously or separately. OFS-95R is suitable for the construction, maintenance and repair of ribbon cables. It supports multimode fiber (MMF / G.651), single mode fiber (SMF / G.652), dispersion-shifted fiber (DSF / G.653) and non-zero Dispersion-shifted fiber (NZ-DSF / G.655), bend-insensitive fiber (BIF / G.657) and other fibers.



Optical Fusion Splicer

OFS-95R

Features

- ◆ Compact and light: 1.8Kg with battery
- ◆ SMF (G.652), MMF (G.651), DSF (G.653), NZ-DSF (G.655), BIF (G.657), EDF splicing
- ◆ Auto fiber end-face inspection, auto arc position adjustment, splice loss calculation, temperature and pressure compensation
- ◆ Auto and manual splicing
- ◆ Splicing ≤ 15 second, heating ≤ 25 second (time and power adjustable)
- ◆ Arc counter prompts electrode change upon usage
- ◆ Auto arc optimization
- ◆ Auto heating
- ◆ X/Y and X+Y display for clear fiber core image
- ◆ Quick mount battery with power indicator, housed in dust and water splash proof battery dock
- ◆ DC output to power external devices
- ◆ Built-in illumination
- ◆ Wind – dust – rain - shock proof
- ◆ Auto display flip
- ◆ Graphical user interface for easy understanding and operation
- ◆ Multi-language support

Specifications

Model	OFS-95R
Fiber Type	SMF (G.652), MMF (G.651), DSF (G.653), NZ-DSF (G.655), BIF (G.657), EDF
Protection Sleeve	40mm - 60mm
Splicing Principle	Arc
Number of Fiber Cores	1、 2、 4、 6、 8、 10、 12
Splice Control	Auto and Manual Splicing
Arc Optimization	Yes
Display Mode	X, Y, X+Y
User Interface	Graphical interface, multiple language support
Splice Result	Auto Splice Result (Loss) Calculation and Display
Data	5000 Splice Records (CSV Format), 100 Screenshots
Data Port	USB, Driver-free
Fiber Diameter	Cladding: 80~150 μ m, Coating: 100~1000 μ m
Cleave Length	10mm~13mm
Splice Loss	MMF ≤ 0.02 dB (Typical); SMF/BIF ≤ 0.05 dB (Typical); DSF/NZDSF/EDF ≤ 0.08 dB (Typical)
Return Loss	>60dB
Splice Time	≤ 15 s
Heating Time	≤ 25 s, Adjustable
Zoom	20x ~50x
Electrode Life	≥ 3000 Splices
Tension Test	≥ 2 N
Start-up Time	7s

Power Supply	220V±10%, 50Hz; Rechargeable Lithium Battery
Battery Life	≥100 Splicing and Heating
Charging Time	≤4 Hours
Size	125x125x135mm (L x W x H)
Weight	1.8Kg (With Battery)
Work Temperature	-20°C ~ +55°C
Storage Temperature	-40°C ~ +70°C
Humidity	≤95% (Non-condensing)
Altitude	0 m ~ 3000 m
Wind Speed	≤15 m/s

Configuration

Splicer Unit x 1, Fiber Holder x 1 (Pair), Lithium Battery x 1, PowerAdapter x 1, Fiber Cleaver x 1, Cooling Tray x 1, USB Cable x 1, Carry Case x 1, Quick Reference
