

OFS-95R Ribbon Fibre Fusion Splicer

Product Overview

The OFS-95R Ribbon fibre Fusion Splicer uses high-speed image processing technology and high-precision V-groove positioning technology for rapid, automatic fusion with high-quality results. It features a 5-inch LCD and dual CMOS monitors, allowing simultaneous or separate X-axis and Y-axis displays. The OFS-95R is ideal for the construction, maintenance, and repair of ribbon cables and supports multimode fibre (MMF/G.651), single mode fibre (SMF/G.652), dispersion-shifted fibre (DSF/G.653), non-zero dispersion-shifted fibre (NZ-DSF/G.655), and bend-insensitive fibre (BIF/G.657), among others.



Features

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

Specifications

Model	OFS-95R
Fibre 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 fibre Cores	1, 2, 4, 6, 8, 10, 12
Splice Control	Splice Control
Arc Optimisation	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
fibre Diameter	Cladding: 80~150µm, Coating: 100~1000µm
Cleave Length	Cleave Length
Splice Loss	MMF \leq 0.02dB (Typical); SMF/BIF \leq 0.05dB (Typical); DSF/NZDSF/EDF \leq 0.08dB (Typical)
Return Loss	>60dB
Splice Time	\leq 15s
Heating Time	\leq 25s, Adjustable
Zoom	20x ~50x
Electrode Life	\geq 3000 Splices
Tension Test	\geq 2N
Start-up Time	7s
Power Supply	220V \pm 10%, 50Hz; Rechargeable Lithium Battery
Battery Life	\geq 100 Splicing and Heating
Charging Time	\leq 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	\leq 95% (Non-condensing)
Altitude	0 m~3000 m
Wind Speed	\leq 15 m/s

Ordering Information

Configuration:

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

