

S-37 LDF Specialty Fiber Fusion Splicer



Designed for Large Diameter Fiber Splicing

- ※ Comply with CE/RoHS international standard
- ※ Accurate alignment, world standard fusion loss
- ※ Real-time ARC calibration, adjustable ARC position
- ※ Ruggedized body, water-resistant, anti-dust, anti-shock
- ※ Easy to maintain, easy to replace the electrodes
- ※ USB port for software upgrading, records exporting
- ※ Applicable to cladding diameter 125 μ m~500 μ m fibers
- ※ Support mutual fusion of different core diameter fibers
- ※ Support 8000/200 groups fusion records/fusion images

Specifications

Alignment Method	Core to core
Applicable Fiber	SM/MM/DS/NZDS/EDF/DCF/LDF
Typical Splice Loss	SM:0.03dB; MM: 0.02dB; DS:0.05dB
Cladding Diameter	125~500 μ m
Coating Diameter	250~800 μ m
Return Loss	>60dB
Splicing Program	40 modes
Operation Mode	Manual/Auto
Heating Mode	Manual/Auto
Typical Splice Time	35 seconds(Tested of cladding diameter 400 μ m)cladding
Typical Heating Time	Typical 30s, could customize
Fiber Magnification	100~200X adjustable
Viewing Display	Dual high sensitive camera, 5" HD color LCD Monitor
Data Storage	8000 groups fusion records, 200 groups images
Cleaved Length	13~15mm(standard: 13mm)
Interface	GUI menu interface, easy for operation
Power Supply	Adaptor, input: AC100~240V(50/60Hz), output: DC12V, 10A
Electrode Life	125 μ m: 3000 arcs; 250 μ m: 1000 arcs
Terminal	USB 2.0 port, for software upgrading, records exporting, RS232 port, output signal customizable
Operating/Storage Condition	-10 $^{\circ}$ C~+50 $^{\circ}$ C/-20 $^{\circ}$ C~+60 $^{\circ}$ C
Dimension/Weight	330mm(L)x205mm(W)x170mm(H)/4.1kg

Package



Fusion Splicer



Fiber Holder



Power Plug



Power Adapter



Spare Electrodes



User Manual



Carrying Case

Specifications and descriptions are subject to change without prior notice.