

# Single Fiber Fusion Splicer

## JW4108L Fusion Splicer



Handheld, Small, Light



8s splicing time, 26s tube heating time



5800mAh and pluggable Li-battery,  
Typical 200 cycles



USB port for software updating and  
data records exporting



ARC calibrated by temperature and  
air pressure automatically

# Single Fiber Fusion Splicer

# Specifications

Applicable fiber	SM(ITU-T G.652&G.657),MM(ITU-T G.652&G.657) DS(ITU-T G.652&G.657),NZDS(ITU-T G.652&G.657).
Fiber count	Single
Cladding Length	Cladding diameter: 80 -150μm, Coating diameter: 160 -900μm
Typical splice loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB(ITU-T Standard)
Return loss	>60db
Fiber cleaved length	10-16mm (coating diameter< 250μm ), 16mm(coating diameter: 250-1000μm )
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	8 seconds
Tube heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber view magnification	250X(X or Y view), 125X(X and Y view)
Viewing method and display	2 CMOS cameras, 4.3 inch color LCD monitor
Storage of splice result	4000 results
Loss evaluation	Available
Tension test	1.8-2.2N
Interface	GUI menu interface, easier operation
Battery capacity	5200mAh Battery Capacity, typical times(splice and tube heat)
Power supply	Adaptor, input: AC100-240V(50/60HZ)
Electrode life	More than 4000 ARC discharges, can be replaced conveniently
Terminals	USB 2.0 port, for uploading splice results and upgrading software
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -10℃ ~ +50℃;Wind speed: max 15m/s
Dimension	149mm(L)x120mm(W)x127mm(H)
Weight	1.9kg including battery

## Package

No.	Name	Quantity
1	Fusion splicer	1
2	Fiber cleaver	1
3	Spare electrodes	1 pair
4	Fiber stripper	1
5	Skin line stripper	1
6	Cooling tray	1
7	Adaptor	1
8	Power cord	1
9	Carrying case	1
10	Manual(CD)	1