

# Fusion Splicer FSM-100

[www.ExFiber.com](http://www.ExFiber.com)



Fiber optic fusion splicer FSM-100 is an economic and competitive fusion splicer machine for optical network engineering. The FSM-100 fusion splicer is compact, simple and slim body, having multiple foreign languages menu, handheld power in the machine, convenient and easy to operate indoor and field.

## Features

- u Fiber core can be display clearly
- u Single X or Y view and X & Y view simultaneously
- u Auto check quality of cleaved end face
- u Auto select best splicing program
- u 9 seconds splice time and 30 seconds heat time
- u Small bulk and light weight
- u 5 inch color LCD monitor with clear digital image display
- u Simple operation menu

## Specifications

Item	Specification
Applicable fibers	SM MM DS NZDS
Fiber cleaved length	8-16mm
Fiber diameter	Cladding diameter:80-150 $\mu$ m;Coating diameter:100-1000 $\mu$ m
Fiber Count	Single
Fiber aligning method	Core aligning
Return loss	> 60dB
Actual average splice loss	0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZDS)
Splicing mode	auto
Typical splicing time	9 sec ,with standard SM fiber
Splicing mode	12(template), 188(user)

For detailed inquiry please contact our sales team at [sales@exfiber.com](mailto:sales@exfiber.com)

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Tube typical heating time	30 sec
Protection sleeve length	60mm, 40mm
Storage of splice result	5000 results, 3 parameter per result
Tension test	2N
Fiber magnification	400X (X or Y view),200X (X and Y view)
Electrode life	2500
No. of splice/heating with battery	Typical 130 cycles
Image change over	The fiber image can be turned over
Display screen	5 inch color LCD monitor
Terminal	RS232
Power supply	AC 100-240V with AC adapter inner Li-battery (6600mAH)
Operating condition	0-5000m above sea level, -10-50° Max wind velocity of 15m/s
Dimension	150mm(L)×150mm(W)×160mm(H)
Weight	3.52Kg including battery

## Packing List

No	Item(E)	Unit	Qty.	Remarks
1	Fusion Splicer	pcs	1	Main body
2	Power Supply module	pcs	1	Accessories
3	Carrying Case	pcs	1	Accessories
4	Spare Electrodes	set	1	Accessories
5	Cooling Tray	pcs	1	Accessories
6	Power cord	pcs	1	Accessories
7	User Manual	pcs	1	Accessories
8	LCD Monitor Shield	pcs	1	Accessories
9	Packing List	pcs	1	Accessories
10	Cleaver	pcs	1	Optional

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