

# FSM-01B

## Description

FSM-01B splicer is an economic and competitive fusion splicer machine for optical network engineering. Compact, simple and slim body, multiple foreign languages menu, handheld power in the machine, convenient and easy to operate indoor and field.



## Feature

- ◆ Color LCD monitor & 256 magnification
- ◆ 8 second splice time, 40 second tube-heat time
- ◆ Max. wind velocity of 15m/s
- ◆ Simultaneous X and Y views
- ◆ SYSTEM TEST ensures the best working condition
- ◆ User programmable
- ◆ Auto check fiber end face
- ◆ Auto calibrate parameters
- ◆ Store 8000 groups of splice results
- ◆ Large capacity internal battery
- ◆ Multiple language options

## Specification

- ◆ Applicable fibers: SM, MM, DS, NZ-DS, EDF
- ◆ Cladding diameter: 100 to 150um
- ◆ Fiber cleaved length: 16mm (standard)
- ◆ Splicing mode: auto & manual
- ◆ Average splice loss: 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
- ◆ Return loss:  $\geq 60$ dB
- ◆ Operation environment: -25~+50 C(temperature), 0~95% (humidity), 0~5000m (altitude)
- ◆ Storage environment: -40~+80 C (temperature), 0~95% (humidity)
- ◆ Protection sleeve length: 20mm, 40mm, 60mm
- ◆ Tension test: 2.0N (standard)
- ◆ Language: English, Chinese, Korean, Russian etc
- ◆ Interface: RS232 interface & video output
- ◆ Internal battery: 12V voltage, 10Ah, up to 150 times of continuous splices and heats

## General

- ◆ Power supply: 176~264VAC/12VDC, 50Hz
- ◆ Operating temperature: -25~+50 C
- ◆ Storage temperature: -40~+80 C

# FSM-01B

- ◆ Humidity: 95% (max.) no condensation
- ◆ Weight: 3.3kg
- ◆ Dimension: 170(W) \*140(H) \*170(D)mm

## Application

SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU G.653),NZDS(ITU-T G.655)

SM core: 4~14um

MM core: 50/125, 62.5/125um

Cleaved length: 16mm

## Packing List

No	Model	Item(E)	Unit	Qty.	Remarks
1	FSM-01B	Fusion Splicer	pcs	1	Main body
2		AC Adaptor	pcs	1	Accessories
3		AC Power cord	pcs	1	Accessories
4		Internal Battery	pcs	1	Accessories
5		Charger	pcs	1	Accessories
6		Spare Electrodes	set	1	Accessories
7		Cooling Tray	pcs	1	Accessories
8		User Manual	pcs	1	Accessories
9		Carrying Case	pcs	1	Accessories