

FSP-100 Fusion Splicer

Features

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



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Description

FSP-100 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.

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

Parameter

Item	Parameter
Applicable fiber	SM MM DS NZDS
Fiber cleaved length	8~16mm
Fiber diameter	Cladding diameter:80~150um Coating diameter:100~1000um
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 for standard SM fiber
Tube typical heating time	30sec



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Protection sleeve length	40mm, 60mm
Storage of splice result	5000, 3 parameter per result
Tension	2N
Fiber magnification	400X(X or Y view) & 200X(X or Y view)
Electrode life	2500
No. of splice/heating with battery	130 cycles
Image change over	The fiber image can be turned out
Display screen	5 inch color LCD monitor
Terminal management	RS232 port
Power supply	AC100~240V with adaptor and with 6600mAH Li-battery
Operating temperature	0~5000m above sea level -10~50°C
Dimension	150x150x160mm
Weight	3.52kg including battery

Applications

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

Packing List

No	Item	Unit	Qty	
1	Fusion Splicer	pcs	1	Equipment
2	Power supply module	pcs	1	Accessories
3	Carrying Case	pcs	1	Accessories
4	Spare Electrodes	set	1	Accessories
5	User Manual	pcs	1	Accessories
6	Video Instruction Manual	pcs	1	Accessories
7	AC Power Cord	pcs	1	Accessories
8	Cleaver	pcs	1	optional
9	Cool Tray	pcs	1	Accessories
10	Packing List	pcs	1	Accessories