



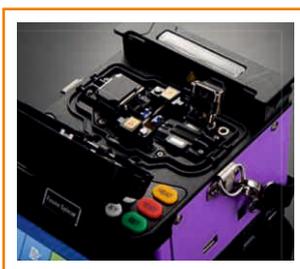
MULTI-FUNCTIONAL FUSION SPLICER (Model : 50S)

Features:

- Handheld, Small, Light
- 4.3 Inch Colors LCD Monitor
- GUI Menu Interface
- Core to core digital alignment
- 7s Splicing time, 26s tube heating time
- 5200mAh and pluggable Lithium Ion Battery, Typical 250 cycles
- Arc calibrated by temperature and air pressure automatically
- Automatically switching on windshield and heater in 4 steps
- Apply to bare fibers, indoor cables and jumper wires splicing



Multi-Function Fixture design.



Various single fiber fusion

Skin line cables



Tail fibers



Skin line cables & tail fiber



Specifications:

Applicable fiber	SM (ITU-TG.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Cladding diameter	80-150 μ m
Coating diameter	100 - 1000 μ m
Typical splice loss	SM 0.02dB, MM 0.01dB, DS 0.03Db, NZDS 0.03dB
Return loss	<80dB
Cleaved length	10~16mm (Diameter of coating < 250 μ m) ; 16mm (Diameter of coating 250~1000 μ m)
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-Heat	Available
Typical splicing time	8 seconds
Heating time	24 seconds for 60mm, 40mm shrinkable sleeve
Magnification	300 times for single display (X or Y), 150 times for double display(X/Y)
Photoelectric system	Two high sensitive CMOS cameras, 5.7' 640×480 color LCD with detachable Monitor protector
Splicing data record	Storing up to 4000 groups of records
Loss evaluation	Available
Tension test	1.8 ~ 2.2N
Interface	GUI menu interface, easy operation
Battery capacity	5200 mAh, and pluggable Lithium Ion Battery, Typical 250 cycles
Power supply	Adaptor, input: AC 100-240V (50/60HZ), output: DC 11~13.5V
Electrode lifetime	More than 4000 times fusion, pole can be replaced conveniently (No tools required)
External port	USB2.0 port, used to derive splicing record data, software upgrade
Operate environment	Altitude: 0 ~ 5000m; Relative humidity: 0 ~ 95%; Wind speed: max 15m/s Operating Temperature: -10 $^{\circ}$ C ~ +50 $^{\circ}$ C; Storage Temperature: -40 $^{\circ}$ C~+70 $^{\circ}$ C
Volume/Weight	160mm(L)×150mm(W)×145mm(H) / 2.75kg (including battery)

Standard Package

No.	Name	Model	Qty
1	Main machine	50S	1
2	Fiber cleaver	62C	1
3	Electrodes	12	pair
4	Fiber stripper	08	1
5	Cooling Tray	10	1
6	AC Adaptor	20	1
7	AC Power cord	22	1
8	Carrying case	01	1
9	Carrying case belt	03	1
10	Keys	04	1
11	Manual (CD)	05	1