

# ED-920 FUSION SPLICING MACHINE



## Features

1. 6s typically for splicing and 26s for heating
2. Fiber core max. Magnifications up to 250X
3. Electrodes discharging more than 4000 times
4. Integrated heater, easy and convenient to operate.
5. USB port for software updating and data records exporting
6. PAS image digital processing system, core to core alignment.
7. ARC calibrated by temperature and air pressure automatically
8. 360° rubber armor protects machine from shock, water and dust.
9. 5800mAh and pluggable Li-battery, typical 200 cycles splicing and heating.
10. Multi-function holder clamps, suitable for bare fibers, skin line cables, jumper cables etc

## Specifications

Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), others(including G.657)
Fiber count	Single
Applicable fiber dimensions	Cladding diameter: 80 -150 $\mu$ m, Coating diameter: 160 – 900 $\mu$ m
Typical splice loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return loss	>60db
Fiber cleaved length	10-16mm (coating diameter< 250 $\mu$ m ), 16mm(coating diameter: 250-1000 $\mu$ m )
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	6 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	5800mAh, typical 200 cycles(splice and tube heat), pluggable inner Li-battery
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 $^{\circ}$ C~+50 $^{\circ}$ C;Wind speed: max 15m/s
Dimension	149mm(L)x120mm(W)x127mm(H)
Weight	1.9kg including battery

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## Package

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No.	Name	Model	Quantity
1	Fusion splicer	ED 920	1
2	Fiber cleaver	X-50/52	1
3	Spare electrodes	X-12A	1 Pair
4	Fiber stripper	X-08	1
5	Skin line stripper	X-16	1
6	Cooling tray	X-10	1
7	Adaptor/Charger	X-20	1
8	AC Power cord	X-22	1
9	Carrying case	X-09	1
10	Manual(CD)	X-07	1

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