

X-800 Handheld FTTx Fusion Splicer

Specially designed for FTTx/FTTH projects

FEATURES

- ※ 6 seconds splicing & 20 seconds heating
- ※ Automatic & real-time ARC calibration
- ※ Heating temperature and time both adjustable
- ※ Automatic splicing and heating, easy to operate
- ※ Anti-shock, anti vibration, dust-proof & waterproof
- ※ Apply to bare fiber, pigtails, drop cable etc.
- ※ Suitable for FTTx, FTTH, CATV, MAN projects etc.



MORE INFO



**> 4000 times discharging
Automatic ARC calibration**



**Inductive automatic heater
No heating without fiber**



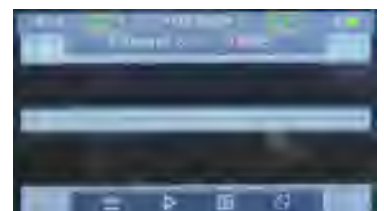
**Large Li-ion Battery, 250
times of splicing and heating**



**Clear fiber image and fast
fiber gapping**



**Accurate and intelligent
alignment**



**Stable splicing and low
splicing loss**

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SPECIFICATIONS

Alignment method	4 motors core to core alignment
Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)
Cladding diameter	80 -150µm
Coating diameter	160–3000µm
Cleaved length	5-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB
Return loss	> 60dB
Splicing program	40 groups
Operation mode	Manual/ Automatic
Auto- heating	Available
Typical splice time	6 seconds
Typical heating time	20 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	320X(X or Y view), 160X(X and Y view)
Viewing display	Dual high sensitivity camera, 4.3 inch 800*480 LCD Monitor, touch screen
Data storage	8000 groups data records
Loss evaluation	Available
Tension test	1.8 ~ 2.25N
Interface	GUI menu interface, easy for operation
Battery capacity	5200mAh Li-battery, 250 cycles splicing and heating
Power supply	Adaptor, input: AC100-240V(50/60HZ), output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, easy to replace
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating	Altitude:0-5000m, Humidity: 0-95%, Temperature: -10°C ~ +50°C; Wind: max 15m/s
Dimension/Weight	157mm (L)×136mm (W)×140mm (H) /2.10kg (including battery)



Fusion splicer



Fiber cleaver



Fiber stripper



Cooling tray



Spare electrodes



Drop cable stripper



Carrying box



Power adapter



Power plug



User manual



Strap



Cleaning brush