

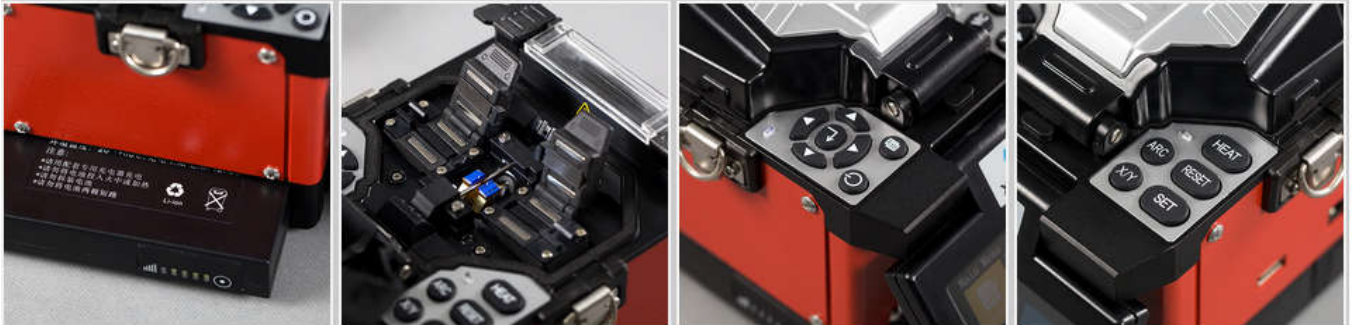
## X-97 Handheld Fusion Splicer Data Sheet



### Features

- Handheld, Small, Light
- Industrial standard screen
- Various colors are available
- Core to core digital alignment
- 8s splicing stime, 26s tube heating time
- 5800mAh and pluggable Li-battery, Typical 200 cycles
- ARC calibrated by temperature and air pressure automatically
- Apply to bare fibers, indoor cables and jumper wires splicing

### Details Display



### Splicing Display



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### 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 -150μm, Coating diameter: 160 – 900μm
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< 250μm ), 16mm(coating diameter: 250-1000μm )
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	8 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℃~+50℃;Wind speed: max 15m/s
Dimension	149mm(L)x120mm(W)x127mm(H)
Weight	1.9kg including battery
Package	Packed in carton with protection foam, Size 43cm*37cm*27cm, G.W.6.5kg

### Standard Package

