

## ST3100F Handheld FTTx Fusion Splicer



### Features

- Small, light, long battery life
- 4 motors accurate cladding alignment
- 250 times magnification of fiber cores
- 7s fast splicing, 26s intelligent heating
- More than 4000 times electrodes discharging
- 4400mAh Li-battery, 220 cycles splicing and heating
- Inductive automatic heater, not heating without fibers
- 3 in 1 multi-function clamps, new waterproof structure
- Apply to bare fibers, drop cables and jumper wires splicing

### Details Display



### Splicing Display



Waterproof

Anti-dust

Stable fusion

### Specifications

Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), others(including G.657)
Applicable fiber	SM(ITU-T G.652),MM(ITU-T G.651),DS(ITU-T G.653),NZDS(ITU-T G.655)
Diameter of cladding	80 -150 μ m
Diameter of coating	160 - 900 μ m
Typical splice loss	SM:0.02dB, MM:0.01dB, DS:0.04dB, NZDS:0.04dB
Return loss	>60db
Fiber cleaved length	10-16mm (coating diameter< 250 μ m ), 16mm(coating diameter: 250-1000 μ m )
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	7seconds
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	4400mAh Li-battery, typical 220 cycles(splice and tube heat)
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
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	200mm(L)x123mm(W)x95mm(H)
Weight	1.6kg including battery
Package	Packed in carton with protection foam, Size 43cm*37cm*27cm, G.W.6.3kg

### Standard Package

