High precision core alignment fiber fusion splicer

- High resolution 5 Inch Touch Screen

- Real-time ARC calibration automatically

- Support 10000/200 groups fusion records/fusion images

- Support Standard Heating or Preheating mode.

- G654E Splicing mode; Applicable to different types fibers (SM/MM/DS/NZDS)

- 6 motors, Z axis focusing, core alignment; Fiber type identification automatically

- 2 USB ports: software upgrading, records exporting/power supply for LED light

- Two 12V power ports, battery or external power supply directly

Specification

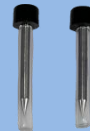|	
Model	Fiber fusion splicer
Fiber holder	Muti-function, suitable for bare fibers, drop cables, pigtails, etc.
Applicable fiber	SM(G.652),MM(G.655),DS(G.653),NZ DS(G.655),BI(G.657)
Alignment Method	Core to core
Diameter of fiber	Cladding:80-150μm; Coating:100-1000μm
Fiber cleaved length	8-16mm
Splicing time	Quick time 7s
Tube heating time	Quick time 18s
Splicing program	Many(self-regulation)
Tube heating program	Standard Heating or Preheating mode
Protection sleeve length	60mm, 40mm
Storage of splice result	10000 groups data records and 200 group images
Typical splice loss	SM:0.02dB, MM:0.01 dB, DS:0.04dB, NZ DS:0.04dB, BI:0.02dB
Return loss	>60dB
End-face evaluation	available
Splicing loss evaluation	available
Fiber magnification	320X(X or Y view), 150X(X and Y view)
Terminals	Equipped with two USB and two 12V power interfaces
Electrode life	5000 ARC discharges
Power supply	Adaptor, input: AC100-240V(50/60HZ) output: DC11-13.5V
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -10℃～+50℃; Wind max: 15m/s
Storage temperature	Humidity: 0-95%, temperature: -40-+80℃
Battery capacity	6800mAh, typical 300 times(splice + heat)
Dimension	130*154*132mm,weight: 2kg (with battery)

Standard Package
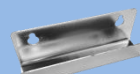
Fusion splicer	Fiber cleaver	Fiber stripper	Drop cable stripper	Adaptor and power	Electrodes	Cooling tray	Carrying case