

## Hand-held Optical Fusion Splicer (SAT-17M)



### Main Features:

- Full digital processing technology
- 10s splicing and 16s heating
- 200x magnification
- Simultaneous XY view, or X/Y view
- Multi alignment mode: cladding alignment, core alignment
- 5000 splicing & electrode discharge results storage
- USB interface
- 3.5" high resolution color LCD screen
- The new gloopy cover with nice appearance provide more dustproof & windproof
- Smart menu design, easy operating system
- Battery capacity indication and auto power off in low power
- 4500mAh capacity



### Specifications

Applicable Fibers	SM / MM / DS / NZDS / BIF & UBIF (G.657)	
Average Loss	0.03dB(SM) / 0.02dB(MM) / 0.06dB(DS) / 0.06dB(NZDS)	
Return Loss	>60dB	
Operating Mode	Fully-automatic, Semi-automatic	
Typical Splicing Time	10s	
Typical Heating Time	16s	
Fiber Aligning	Core / Clad	
Fiber Diameter	Cladding: 80~150 um / Coating: 100~1000 um	
Cutting Length	10~16mm (Fiber diameter: < 250um)	16mm (Fiber diameter: 250 ~ 1000um)
Zoom in	X/Y: 310X	XY: 155X
LCD Display	High performance 3.5 inch. TFT LCD	640x480 resolution
Tension Test	2N	
Applicable Sleeve	60mm / 40mm / 20mm or etc.	
Battery Capacity	Average: 180 times (Splicing and Heating)	Charging time: 3 hours
Battery Life Cycle	300 ~ 500 charge / discharge cycles	
Electrode Life Cycle	Typical 2500 times	
External Data Interface	USB	
Power	Removable battery : 11.1V 4500mAh	AC/DC adapter: input: DC13.5V/4.0A Output: DC13.5V/4.0A
Working Environments	Temp: -10 °C ~+50 °C / 14 °F ~122°F Humidity: 95%RH (40 °C / 104 °F, non-condensing) Altitude: 0 ~ 5000M	
Dimension	LxWxH = 120x160x60(mm)	
Weight	0.85 Kgs (with battery)	