



Hand-held Optical Fusion Splicer (SAT-17D)



Main Features:

- The advanced image processing system, high technical fiber alignment
- 5.6" full color lcd screen, friendly operating system
- The excellent sharp mode, industrial electronic components
- Temperature, humidity & pressure compensation technology to support the special working environment
- The big battery indication to support the longtime field working

Specifications

Applicable Fibers	SM / MM / DS / NZDS		
Average Loss	0.02dB(SM) / 0.01dB(MM) / 0.04dB(DS) / 0.04dB(NZDS)		
Return Loss	>60dB		
Typical Splicing Time	9s		
Typical Heating Time	30s		
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 or Y: 300X	X + Y: 150X	
LCD Display	High performance 5.6 inch. TFT LCD	640x480 resolution	
Tension Test	2N		
Applicable Sleeve	60mm / 40mm / 20mm or etc.		
Battery Capacity	Average: 150 times (Splicing and Heating)	Charging time: 3.5 hours	
Battery Life Cycle	300 ~ 500 charge / discharge cycles		
Electrode Life Display	LED indicator		
Electrode Life Cycle	Typical 2500 times		
External Data Interface	USB		
Power	Removable battery : 12.6V 12000mAh	AC/DC adapter: input: AC100-240V	Output: DC13.5V/5.0A
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 = 184x160x181(mm)		
Weight	1.7 Kgs (with battery), 2.8 KGs (with battery)		