AITELONG | INSTRUMENTS & ENGINEERING

SAT-17T
Optical Fusion Splicer

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- Ultra-low Splice loss
- Mirror Less Design
- Low weight, less than 2Kg with battery and bumper
- Full automatic heater
- 9 sec splicing (7S fast mode)
- 7800mAH large Li battery pack
- Compatible with bare fiber, tail fiber and indoor cable
- Wind protect, dust-proof, water-proof

Specifications

Applicable Fibers	SM (single mode), MM (multi-mode), DS(dispersion), NZDS (non-zero dispersion),EDF(Erbium-doped fiber)
Average Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS),0.04dB(NZDS), 0.02dB (BIF/UBIF)
Return Loss	Better than 60dB
Typical Splicing Time	9s / 7s (fast mode)
Fiber Aligning	Core alignment and cladding alignment
Fiber Diameter	Cladding diameter:80～150μm Coating diameter:100～1000μm
Magnification	X or Y, magnify 360X X + Y, magnify 180X
Image display	High-performance 4.3 inch LCD
Tensile test	Standard 2N
Splicing Mode	100 (10 factory pre-defined)
Heating Mode	100 (4 factory pre-defined)
Battery capacity	7800mAH, 86.58WH 300 times (splicing and heating) Charging time: about 3h (can be used while charging)
Battery life	1000 charging cycles
Electrode life	Typical 3,000 times, and replaceable
External interface	Mini USB
Result record	Maxmium10000 results
Heater Function	Automatic, support user defined heating mode, 0℃ ~ 300℃ adjustable
Power supply	Built-in lithium battery: 11.1V AC/DC adapter input: AC 100-240V Output: DC 13.5V / 5.0A
Working environment	Temperature: -20℃ ~ +55℃ (-4℉~131℉) Humidity: 95% RH (40℃ non-condensing) Altitude: 0~5000m
Dimensions	L×W×H=166×146×159 (mm)
Weight	1.6kg (without battery), 2.0kg (with battery)