

# SAT-17B

## Optical Fusion Splicer

**AITELONG**™  
Keeping your system safe and running!



- ◎ 9 seconds fusion, 30 seconds calefaction time
- ◎ Independent display X/Y axial, enlargement factor about 10 times, or Simultaneous observe of X/Y axial, enlargement factor about 150 times
- ◎ Fiber magnification and high visibility
- ◎ A variety ways of alignment method: core alignment, clad alignment, manual alignment

## Digital Fusion Splicer

- ◎ 5.6inch colour LED, display digital picture
- ◎ User's friendly, intellective menu design
- ◎ Submarine storm shutter
- ◎ Ensure the quality of welding at an altitude of 5000 meters

### Technical Index

|                                |   |
|--------------------------------|---|
| Applicable optical fiber type  | SM (single module), DS (displacement of chromatic dispersion), NZDS (non-zero displacement of chromatic dispersion),      |
| Image processing mode          | PAS   |
| Cladding diameter              | 80~150 μm   |
| Coating diameter               | 100~1000 μm   |
| Optical cutting length         | 8-16mm, coated fiber diameter 250 μm. 16mm(standard) or 8-16mm(optional), coated fiber diameter :250 μm-1000 μm.          |
| Average continuous consumption | 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)  |
| Splice time                    | 9 seconds(standard)   |
| Return Loss                    | >60dB   |
| Splice procedure               | 53 groups plant preset, and 40 groups user-set  |
| Estimates Loss                 | usable  |
| Sequential result storage      | 4000 groups of new sequential result,   |
| Tension test                   | 2N  |
| Electrodelife                  | 2500times   |
| Mode of calefaction            | 9 groups plant preset, 24 groups user set, heater temperature can be set.   |
| Typical calefaction time       | 30 second((standard)  |
| Heating-shrink tube            | 60mm, 40mm and a series of mini-shrink tube   |
| Capacity of lithium battery    | Continuous and calefaction about 160 times  |
| Ambient condition              | Working temperature: -10℃~50℃, Humidity 0~95%(RH), Altitude -5000m.   |
| Power supply                   | AC Input voltage:100~240V, 50/60Hz; output voltage: DC 13.5V/5A, DC: input voltage 11-14V(inside lithium battery 6600mAh) |
| Interface                      | USB and VGA   |
| Dimensions (W×D×H)             | 150×150×135mm   |
| Weight                         | 3.20Kg (include battery)  |



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