

# KL-300T FUSION SPLICER

## Features

- ◆ Core to core alignment by PAS technology (PAS: Profile Alignment System)
- ◆ Fiber core can be display clearly
- ◆ Single X or Y view and X & Y view simultaneously
- ◆ Auto check & display quality of cleaved end face
- ◆ 5.7 inch color LCD monitor with clear digital image display
- ◆ USB interface
- ◆ Software upgrade via USB interface



## Specifications

|                                   |  |
|-----------------------------------|--|
| <b>Applicable fibers</b>          | SM MM DS NZDS  |
| <b>Fiber diameter</b>             | Cladding diameter:80-150μm; Coating diameter:100-1000μm        |
| <b>Fiber count</b>                | Single   |
| <b>Fiber cleaved length</b>       | 8-16mm (Coating diameter:250μm)                                |
| <b>Actual average splice loss</b> | 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)               |
| <b>Typical splicing time</b>      | Typical 9 sec (standard SM fiber)                              |
| <b>Return loss</b>                | >60dB  |
| <b>Splicing mode</b>              | Auto Calibrate Normal Special                                  |
| <b>Fiber aligning method</b>      | Meticulous、Core、Clad、Manual                                    |
| <b>Splicing program</b>           | 53 (templet), 40(user)   |
| <b>Tube heating program</b>       | 9 (templet),24(user)   |
| <b>Tube typical heating time</b>  | Typical 30 sec   |
| <b>Protection sleeve length</b>   | 60mm, 40mm   |
| <b>Storage of splice result</b>   | 4000 results, 20 parameter per result                          |
| <b>Fiber image magnification</b>  | 300X (X or Y view), 150X (X and Y view)                        |
| <b>Battery capacity</b>           | Typical 400 cycles (splice/tube heat with inner Li-battery)    |
| <b>Monitor</b>                    | 5.7 inch TFT color LCD monitor                                 |
| <b>Tension test</b>               | 2N   |
| <b>Electrode life</b>             | 2500   |
| <b>Terminal</b>                   | USB  |
| <b>Power supply</b>               | AC 100-240V with AC adapter DC13.5V Inner Li-battery (7800mAH) |
| <b>Operating condition</b>        | 0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s    |
| <b>Dimension</b>                  | 150mm(L)×150mm(W)×150mm(H)                                     |
| <b>Weight</b>                     | 2.55Kg excluding battery 3.05Kg including battery              |

## Standard Configuration



Fiber Cleaver



Fiber Stripper



Case



Spare Electrodes



Cooling Tray



Cleaning Tools



Manual



P.S. Cord



USB Line