

## Specifications and Functions comparison of Jilong Fusion splicer

| Specifications                      |   |         |  |                    |         |
|-------------------------------------|---|---------|--|--------------------|---------|
| Model                               | KL-350E   | KL-300T | KL-280G                                | KL-500E            | KL-510E |
| Actual average splice loss          | 0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)            |         |  |                    |         |
| Splicing mode                       | Auto、 Calibrate、 Normal、 Special                            |         |  |                    |         |
| Fiber aligning method               | Meticulous、 Core、 Clad、 Manual                              |         |  |                    |         |
| Typical splicing time               | Typical 9 sec (standard SM fiber)                           |         |  |                    |         |
| Tube typical heating time           | Typical 30 sec  |         |  |                    |         |
| Splicing program                    | 53 (templet), 40(user)                                      |         |  |                    |         |
| Tube heating program                | 9 (templet),24(user)  |         |  |                    |         |
| Storage of splice result            | 4000 results, 20 parameter per result                       |         |  |                    |         |
| Tension test                        | 2N  |         |  |                    |         |
| Terminal                            | USB   |         |  |                    |         |
| Electrode life                      | 2500  |         |  |                    |         |
| Fiber image magnification           | 300X (X or Y view),150X (X and Y view)                      |         | 120X (X or Y view), 60X (X and Y view) |                    |         |
| Monitor                             | 5.7 inch color LCD monitor                                  |         | 3.5 inch color LCD monitor             |                    |         |
| Battery capacity (splice/tube heat) | Typical 400 cycles  |         | Typical 300 cycles                     | Typical 150 cycles |         |
| Power supply (Inner Li-battery)     | 7800mAH   |         | 5200mAH                                | 2600mAH            |         |
| Power supply (AC)                   | AC 100-240V with AC adapter DC 13.5V                        |         |  |                    |         |
| Operating condition                 | 0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s |         |  |                    |         |
| Dimension (LxWxH)                   | 150x150x150 (mm)  |         | 125x105x113 (mm)                       | 193x125x85 (mm)    |         |
| Weight (including battery)          | 3.05Kg  |         | 1.3Kg                                  | 1.1Kg              |         |

| Function Comparison of Jilong Fusion Splicer |         |         |         |         |         |
|--|---------|---------|---------|---------|---------|
| Model  | KL-350E | KL-300T | KL-280G | KL-500E | KL-510E |
| Display fiber cleaved angle                  | ●       | ●       | —       | ●       | ●       |
| Display fiber offset angle                   | ●       | ●       | —       | ●       | ●       |
| Display core & clad offset                   | ●       | ●       | —       | ●       | ●       |
| Fiber angle limit                            | ●       | ●       | —       | ●       | ●       |
| Air pressure auto compensation               | ●       | —       | —       | —       | —       |
| Real-time arc calibration                    | ●       | —       | —       | —       | —       |
| Display inside temperature                   | ●       | ●       | —       | ●       | ●       |
| Display ambient temperature                  | ●       | ●       | —       | ●       | ●       |
| Display heater temperature                   | ●       | ●       | —       | ●       | ●       |
| Display air pressure                         | ●       | ●       | —       | ●       | ●       |
| Display battery voltage                      | ●       | ●       | —       | ●       | ●       |
| Image turn over                              | ●       | ●       | —       | ●       | —       |
| Taper splice                                 | ●       | ●       | —       | ●       | ●       |
| Sleep  | ●       | ●       | —       | ●       | ●       |
| Auto shut down                               | ●       | ●       | —       | ●       | ●       |
| Software upgrade via USB                     | ●       | ●       | ●       | ●       | ●       |