

KL-280G 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 quality of cleaved end face
- ◆ 5.7 inch TFT color LCD monitor with clear digital image display
- ◆ USB & VGA interface
- ◆ Software upgrade via USB interface



Specifications

Applicable fibers	SM MM DS NZDS	Fiber cleaved length	8-16mm (Coating diameter:250µm)
Fiber diameter	Cladding diameter:80-150µm;Coating diameter:100-1000µm	Fiber count	Single
Fiber aligning method	Meticulous、Core、Clad、Manual	Return loss	>60dB
Actual average splice loss	0.02dB(SM),0.01dB(MM),0.04dB(DS),0.04dB(NZDS)	Splicing mode	Auto Calibrate Normal Special
Typical splicing time	9 sec (standard SM fiber)	Splicing program	53 (templet), 40(user)
Tube typical heating time	30 sec	Protection sleeve length	60mm, 40mm
Storage of splice result	4000 results, 20 parameter per result	Tube heating program	9 (templet),24(user)
Fiber image magnification	300X (X or Y view), 150X (X and Y view)	Tension test	2N
Battery capacity	Typical 150 cycles (splice/tube heat with inner Li-battery)	Electrode life	2500
Monitor	5.7 inch TFT color LCD monitor	Terminal	USB and VGA
Power supply	AC 100-240V with AC adapter inner Li-battery (7800mAH)	Operating condition	0-5000m above sea level, -10-50° Max wind velocity of 15m/s
Dimension	150mm(L)×150mm(W)×150mm(H)	Weight	2.7Kg excluding battery, . 3.3Kg including battery

Function Comparison of Jilong Fusion Splicer

Function	KL-280G	KL-280	KL-300T	KL-300S
Display fiber cleaved angle	—	—	●	●
Display fiber offset angle	—	—	●	●
Display core offset	—	—	●	●
Display clad offset	—	—	●	●
Splicing mode (Auto, Calibrate ,Normal ,Special)	●	—	●	●
Fiber aligning method (Core、Clad、Manual)	●	—	●	●
Arc strength automatic adjustment	●	—	●	●
Image turn over	—	●	●	●
Fiber angle limit	—	—	●	●
Display inside temperature	—	—	●	●
Display ambient temperature	—	—	●	●
Display heater temperature	—	—	●	●
Display air pressure	—	—	●	●
Display battery voltage	—	—	●	●
Taper splice	—	—	●	●
Sleep	—	—	●	●
Auto shut down	—	—	●	●
Software upgrade via USB interface	●	—	●	●

Standard Configuration



Main Body



P.S. Cord



Fiber Cleaver



Case



Electrodes



Manual



Cooling Tray