

FUSION SPLICER



KL-300

- Core to core alignment by PAS technology (PAS:Profile Alignment System)
- Digital fusion splicer with automatic focus function
- Fiber core can be displayed clearly
- Single X or Y view and X & Y view simultaneously
- Auto detect cleaved endface fault
- Display fiber cleaved and offset angle
- Display core and clad offset
- 5.6 inch TFT color LCD monitor with clear digital image display
- USB & VGA interface
- Software upgrade via USB interface



Model		KL-300	
Specifications		Function	
Applicable fibers	SM MM DS NZDS	Splicing mode	Auto、Calibrate、Normal、Special
Fiber cleaved length	8~16mm (Coating diameter:250μm)	Fiber cleaved angle threshold set	0.1 - 10.0 °、 0.1°step
Fiber diameter	Cladding diameter:80~150μm Coating diameter:100~1000μm	Display fiber cleaved angle	Available
Fiber Count	Single	Display fiber offset angle	Available
Fiber aligning method	Core or clad aligning	Auto focusing	Available
Image processing method	Digital	Auto aligning	Available
Actual average splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)	Auto detect cleaved endface fault	Available
Splicing time	Typical 9 sec, with standard SM fiber	Display core offset	Available
Splicing mode	53(template),40(user)	Display clad offset	Available
Splice loss estimate	More accurate	Fiber partial core Compensation	Available
Return loss	> 60dB	Arc strength automatic adjustment	Available
Storage of splice result	4000 results, 20 parameter per result	Display inside temperature	Available
Fiber display and magnification	300X (X or Y view), 150X (X and Y view)	Display ambient temperature	Available
Tube heating time	Typical 30 sec	Display heater temperature	Available
Tube heating mode	9(template), 24(user)	Display air pressure	Available
Tube heating temperature	Can be adjusted	Display battery voltage	Available
Applicable Protection sleeve length	60mm, 40mm and a series of micro sleeves	Taper Splice	Available
Tension test	2N	Sleep	Available
Electrode life	2500	Auto Shut down	Available
No. of splice/heating with battery	Typical 150 cycles (splice/tube heat) with inner Li-battery	Software upgrade	Available
Display screen	5.6 inch TFT color LCD monitor		
Image change over	The fiber image is turned upside down		
Terminal	USB 1.1 and VGA		
Operating condition	0 ~ 5000m above sea level, 0 ~ 95%RH and -10 ~ 50℃, respectively, Max. wind velocity of 15m/s		
Power supply	AC 100-240V with AC adapter; inner Li-battery(8000mAh)		
Dimension	150mm(L) x 150mm (W) x 150mm (H)		
Weight	2.7 Kg excluding battery, 3.2 Kg including battery		

Standard Configuration



Main Body



P.S. Cord



Fiber Cleaver



Case



Electrodes



Manual



Cooling Tray