

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 color LCD monitor with clear digital image display
- ◆ USB interface
- ◆ Software upgrade via USB interface



Specifications

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

Standard Configuration



Main Body



P.S. Cord



Fiber Cleaver



Case



Electrodes



Manual



Cooling Tray