

FUSION SPLICER KL-520E

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
- ◆ 3.5inch color LCD monitor
- ◆ 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 (factory mode), 100(user mode)
Tube heating program	9 (factory mode), 40(user mode)
Tube typical heating time	Typical 16~25 sec
Protection sleeve length	60mm, 40mm
Storage of splice result	10000 results, 24parameter per result , 100 set of images
Fiber image magnification	120X (X or Y view), 60X (X and Y view)
Battery capacity	Typical 300 cycles (splice/tube heat with inner Li-battery)
Monitor	3.5 inch color LCD monitor
Tension test	2N
Electrode life	2500
Terminal	USB
Power supply	AC 100-240V with AC adapter DC13.5V Inner Li-battery (5200mAH)
Operating condition	0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s
Dimension	122mm(L)×148mm(W)×130mm(H)
Weight	1.4Kg excluding battery 1.7Kg including battery

Standard Configuration

