

# KL-510E FUSION SPLICER



## Specification

Applicable fibers	SM MM DS NZDS
Fiber diameter	Cladding diameter:80-150μm
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	120X (X or Y view), 60X (X and Y view)
Battery capacity	Typical 150 cycles (splice and tube heating)
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 (2600mAH)
Operating condition	0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s
Dimension	193mm(L)×125mm(W)×85mm(H)
Weight	1.1Kg including battery

## Standard configuration



Fiber Cleaver

Fiber Stripper

Case

Cooling Tray

Spare Electrodes

Cleaning Tools

Power Module

AC Adapter

P.S. Cord

Manual