

## FE-KL-520E



The kit includes KL-520 fusion splicer with battery pack, Fiber Cleaver, Power supply cord, Spare electrode ER-10, Cooling tray, Operating CD manual, Fiber Optic Stripper, Carrying case with worktable CC-81, Hand strap.

## Specifications

Fiber type	SM(G652)、MM(G651)、DS(G653)、NZDS(G655)、BIF (G657)
Number of fiber	Single fiber
Actual average splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Splicing mode	Auto、 Calibrate、 Normal、 Special
Fiber aligning method	Meticulous、 Core、 Clad、 Manual
Typical splicing time	Typical 9 sec (standard SM fiber)
Tube typical heating time	Typical 18 sec
Splicing program	100(user mode), 53(factory mode)
Tube heating program	40(user mode), 11(factory mode)
Heating control mode	Automatic / Manual
Storage of splice result	10000 results, 26parameter per result , 100 set of images
Tension test	1.96~2.25N
Terminal	USB
Electrode life	5000
Fiber image magnification	280X/140X
Monitor	3.5 inch color LCD
Battery capacity (splice/tube heat)	260 cycles (Typical )
Power supply (Inner Li-battery)	5200mAH
Charger	Internal
Power supply (AC)	AC 100-240V with AC adapter DC 13.5V
Operating condition	0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s
Dimension (L×W×H)	122×148×130 (mm)
Weight (Excluding battery)	1.46KG
Weight (Including battery)	1.79KG

## Function Comparison

● Real-time arc calibration	● Display inside temperature
● Air pressure & Temp auto compensation	● Display ambient temperature
● Display fiber offset angle	● Display heater temperature
● Display fiber cleaved angle	● Display air pressure
● Fiber angle limit	● Software upgrade via USB
● Display battery voltage	● Sleep
● Image turn over	● Auto shut down