



JILONG
Since 1993

KL-530

Core Alignment Fusion Splicer



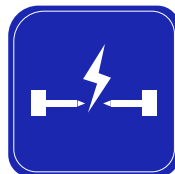
8S
Splicing



18S
Heating



0.01dB
Average loss



5000
Electrode life



Auto splice &
Auto heat function



Tool-less electrodes
replacement



Description

- Fast-splicing 8S Fast-heating 18s
- 5000 Times electrode service life
- Average loss under 0.01dB
- 5200mAh Battery capacity. 260 Times splice & heat cycles
- The last 10,000 splice records and 2,000 result images
- 4.3 Inch TFT color LCD
- 3-in-1 Fiber hold
- Tool-less electrodes replacement
- Automatic compensation of air pressure and temperature
- 320X Fiber image magnification. The fiber core is clearly visible



Selling Point of Products



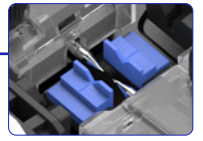
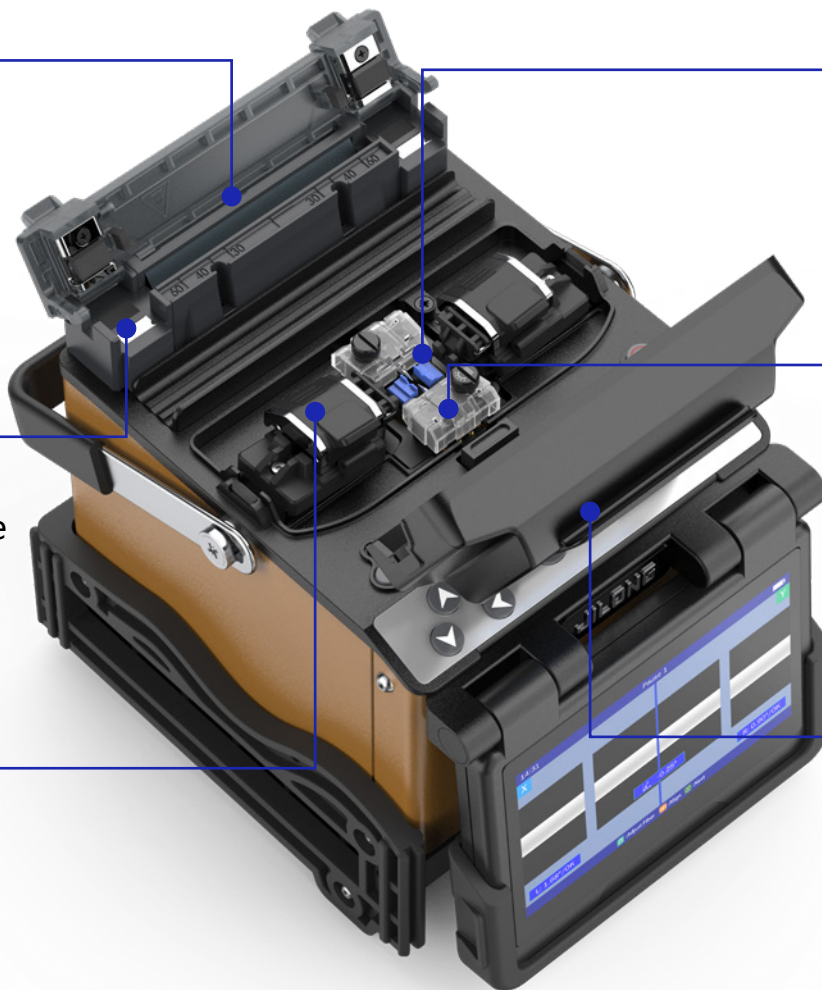
Fast-splicing 8S
Fast-heating 18s



Oven with removable
SOC clamps



3-in-1
Fiber holder



Special designed
V-groove



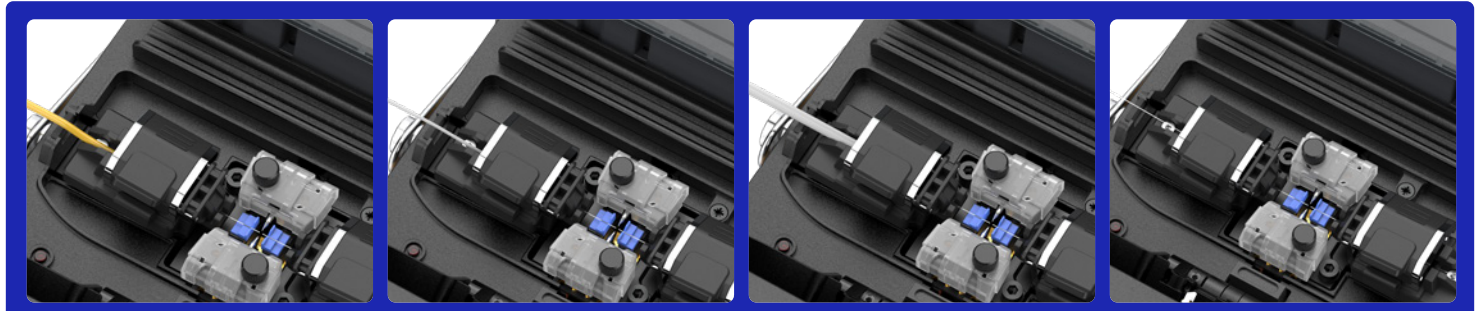
The electrodes can be
replaced by screwing
it gently without tools



Durable ceramic
fiber pressure heads

3-in-1 Universal Fiber Holder

Fiber holder is suitable for bare fiber/ 3.0mm jump fiber/ pigtail fiber/ FTTH fiber



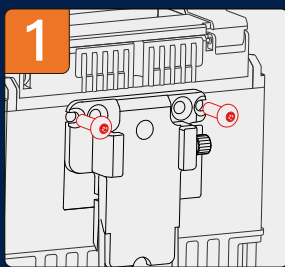
High Expansibility fiber optic cleaver operating platform design

Support the placement of cleaver operating platform, do cleaving and splicing work in one step

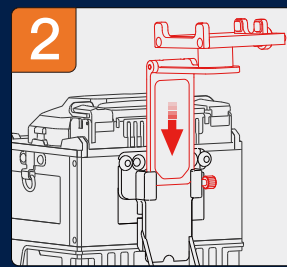
(The console needs to be bought separately)



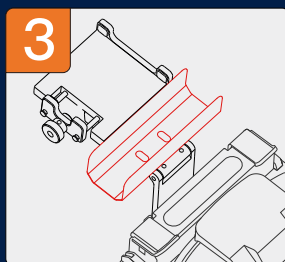
Installation instructions of fiber optic operating platform



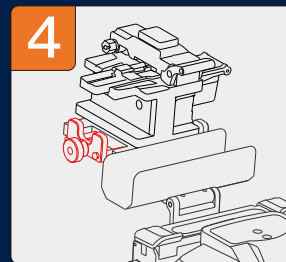
Use the screw to fix the base



Insert into the base and tighten



Place the cooling tray



Fix the cleaver with the screw

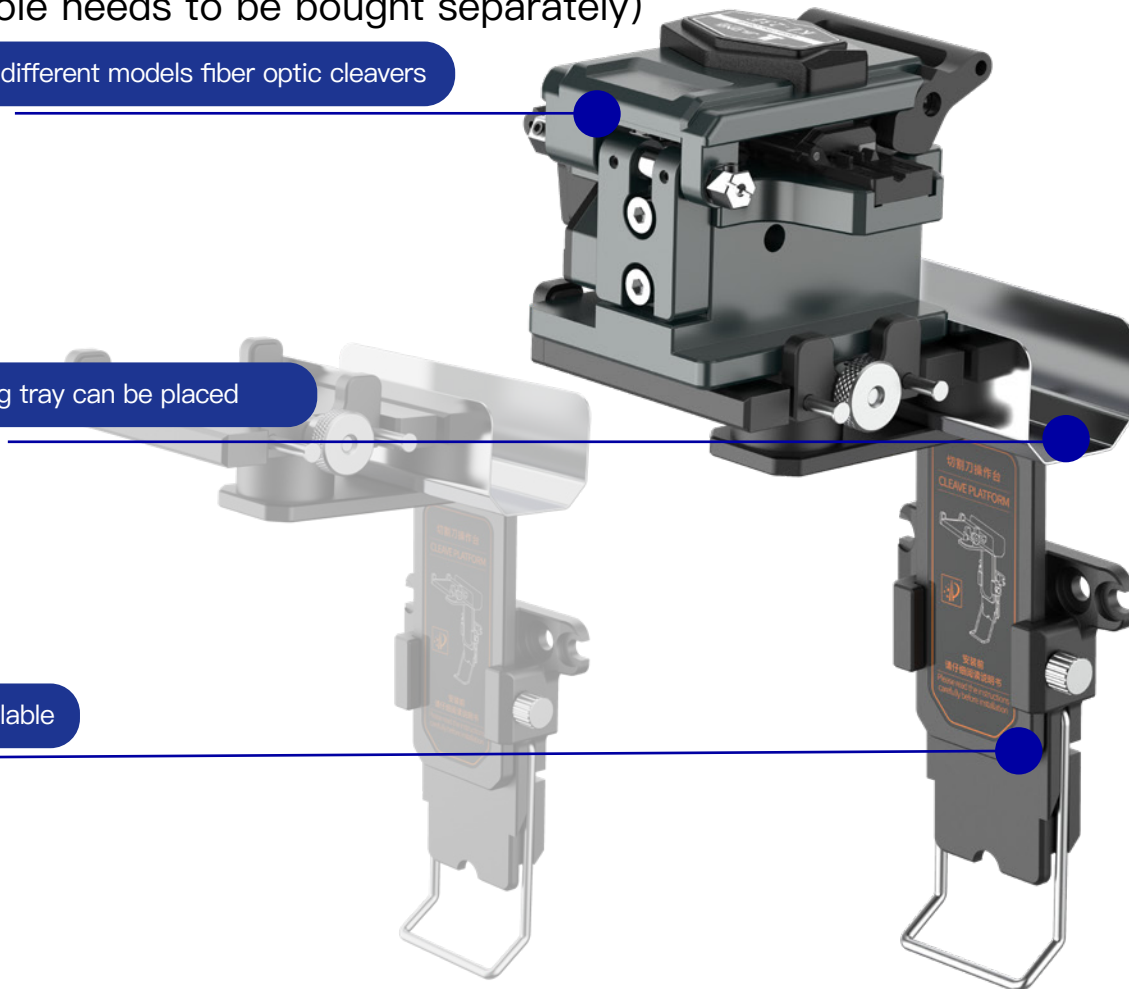
Introduction of fiber optic cleaver operating platform

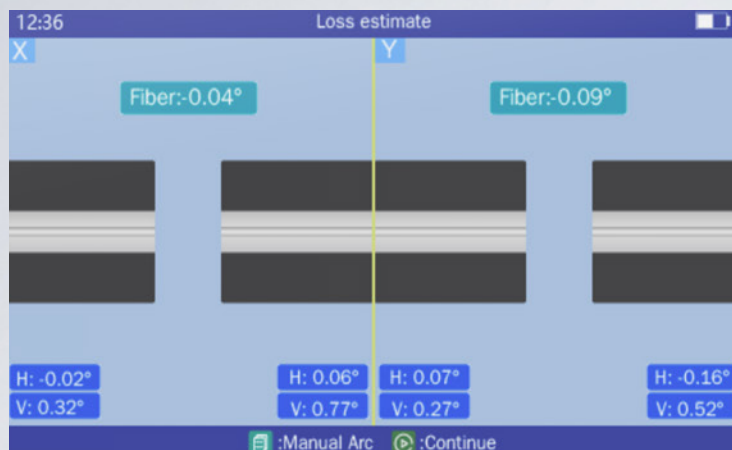
(The console needs to be bought separately)

Suitable for different models fiber optic cleavers

Cooling tray can be placed

Highly scalable





8S
Fast-splicing



18S
Fast-heating



4.3 Inch
Color display



260 Times splice &
heat cycles



5200mAh
Battery capacity



Specification

Splice Method	Core to core alignment
Applicable Fibers	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25~3.0 mm / indoor cable
Fiber Holder	Replaceable (Universal: FH-60, SOC Holder: FH-SOC(optional))
Fiber Diameter	Cladding: 80~150μm, Coating: 100~1000μm
Fiber Cleave Length	8~16 mm
Splice mode	Max 128 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB ★①
Return Loss	>>60dB
Splicing Time	SM Quick mode : 8 sec / SM Average: 15 Sec.
Estimated Splice Loss	Available
Heating Time	Quick mode 18 sec.(SM G652 250μm 40mm Sleeve) adjustable
Protection Sleeve Length	20mm, 30mm, 40mm, 50mm, 60mm
Heat Programs	Max 32 modes
Battery	5200mAh Battery Capacity, Typical 260 Cycles (Splice&Heat) per Charge ★②
Electrode Life	5000 arcs, can be extended by using an electrode grinder ★③
Auto-start	Splice / Heating
Results Storage	The last 10,000 splice records and 2,000 result images
Tension Test	1.96~2.25N
Operating Condition	Altitude: 0~5000m, 0~95% relative humidity, -20~50°C, Max Wind 15m/s
Storage Condition	0~95% relative humidity, -20~60°C
Display	4.3" color high resolution (800 x 480) display
Fiber Magnification	X, Y, XY, X/Y : 320X Magnification
Power Supply	AC Input 100~240V, DC Input 9~14V
Terminal	USB2.0
Weight	1.6kg without battery / 1.9kg with battery
Size	139H x 163W x 140D mm (including rubber bumper)

★① With identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.

★② Splice & Heat cycles may vary depending on the battery status and the operating environment.

★③ Electrode life may vary depending on the operating environment.



Packing List

Fusion Splicer	×1
Fiber Cleaver	×1
Battery Pack 5200mAh	×1
Power adapter	×1
Compact carrying case	×1
Cooling tray	×1
Fiber Stripper	×1
Splice Protection Sleeves (pcs)	×100
Alcohol Bottle	×1
Electrode box	×1
Spare electrodes (pair)+Scissors + Brush (set)	



NEW CONFIGURATION



OLD CONFIGURATION



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