



JILONG
Since 1996

KL-510E

Handheld Fiber Fusion Splicer



9S
Splicing



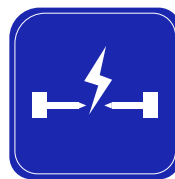
35S
Heating



3.5 Inch
monitor



0.01dB
Average loss



5000
Electrode life



4 Motors
alignment



Description

- Fast-splicing 9s, fast-heating 35s
- 5000 Times electrode service life
- Return loss under 60dB
- Average loss under 0.01dB
- 2600mAh Battery capacity.
100 Times splice & heat cycles
- 3.5 Tnch TFT color LCD
- 200X Fiber image magnification
- Saved 10000 groups splicing results.100 sets of images
- Handheld fusion splicer with compact, light weight & faster
- 3-in-1 Fiber holder suitable for bare fiber, pigtail fiber, jump fiber, flat fiber



Selling Point of Products



Removable SOC
splicing clamp



Durable ceramic
fiber pressure heads



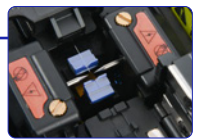
Deep recessed windproof cover
Can work in 15m/s strong wind



Fast-splicing 9S
Fast-heating 35S



Special 3-in-1
fiber holder



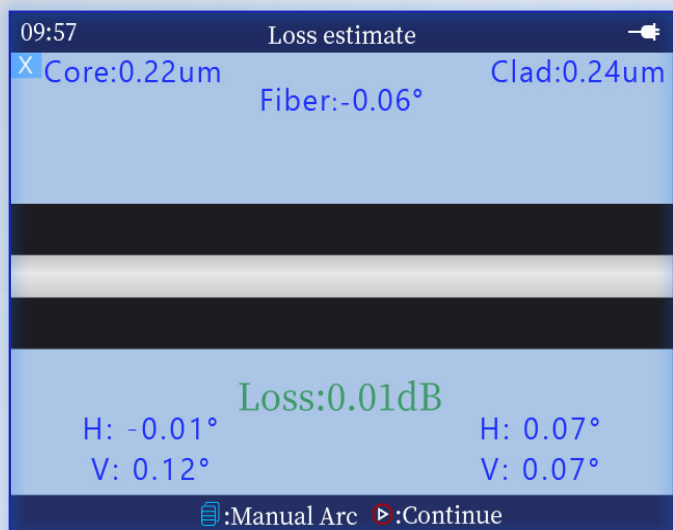
Special designed
V-groove



3-in-1 Universal Fiber Holder

Suitable for Bare Fiber, 3.0mm Jump Fiber; Pigtail Fiber; FTTH Fiber





9S
Fast-splicing



35S
Fast-heating



Hand held & compact



100 Times cyclic
splicing & heating



2600mAh
Battery capacity



Specification

Fiber type	SM (G652 & G657) / MM (G651) / DS (G653) / NZDS (G655)		
Average splicing loss	SM: 0.02dB	MM: 0.01dB	DS / NZDS: 0.04dB
Return loss	Better than 60dB		
Tube typical splicing time	9s (Standard SM)		
Tube typical heating time	35s (Heating time can be set. Heating temperature can be adjusted)		
Fiber aligning method	Meticulous; Core; Clad; Manual		
Fiber diameter	Clad diameter is 80–150μm; Coating 250–1000μm		
Cutting length	Coating layer < 250μm: 8–16 mm; Coating 250–1000μm: 16mm		
Heat–shrinkable sleeve	60 mm、40 mm and a series of thermal sleeves		
Tension test	Standard 2N (can choose)		
Fiber clamp	Suitable for bare fiber, pigtail fiber, jump fiber, flat fiber		
Fiber image magnification	200X / 125X		
Graphical display	3.5 Inch TFT color LCD		
External port	USB 2.0 interface, convenient for data download, using U disk upgrade software		
Splicing program	100 (User mode)	53 (Factory mode)	
Heating program	40 (User mode)	11 (Factory mode)	
Fusion splicing record	Saved 10000 groups splicing results.100 Sets of latest images		
Electrode life	5000 Times		
Splicing & Heating	Continuous welding, heating no less than 100 times (typical)		
Internal battery	Lithium battery 12.5V power supply (10.8V storage)		
	Independent charger, charging time ≤3.5		
Power supply	Power supply connector, external adapter		
	(Import AC: AC100 ~ 240V, 50/60Hz, Export DC: DC13.5v/4.8A)		
Working environment High–brightness lights	Temp: –10~50℃; Hum<95% RH (no condensation)		
	Elevation:0~5000M; Resist the maximum wind speed : ≤ 15m/s		
Size	Convenient for placing fibers at night		
Weight	193 x 125 x 85 (mm)		
	1.05kg (without battery)	1.2kg (with battery)	

The above data were obtained by Jilong Laboratory in 20°C



Product Display





Packing List



Fusion splicer



Fiber optic cleaver



Optical fiber stripper



3-hole miller stripper



Spare electrode &
clean box



Warranty card
& specification



Power charger



Carry bag

Contact us

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