

## FUS JILONG KL500 - Core alignment fiber optic fusion splicer



### General information

**JILONG KL500** optical fiber fusion splicer is a mini fiber splicing equipment which is compactly designed, easy to carry and operation. It has an exquisite image-forming system and high precision image processing technology on fiber alignment which leads to its high proficiency in splicing and low loss. Its beautiful operation interface and body design which conforms to operation principle of ergonomics greatly improve user experience. It is equipped with large capacity lithium battery which provides reliable guarantee for a long time fieldwork. In summary, **JILONG KL500** is a totally automatic, small, light and beautiful optical fiber fusion splicer with high performance, high safety, low power consumption and can be easily operated.

### Features

Applicable fiber Diameter : Cladding Diameter: 80 -150  $\mu\text{m}$ ; Coating Diameter: 100~1000  $\mu\text{m}$

Applicable fibers: SM, MM, DS, NZDS, G655, G657 and others

Average Splice loss: 0.01dB(MM), 0.02dB(SM), 0.05dB(DS/NZDS/G.655/G.657)

Return loss: 60dB

Tension test: 2.0N

Protection sleeve length: 25mm, 40mm, 60mm

Tube-heat Time: 30 s

Splicing program: Automatic Setting

Language: Spanish, English.

Alignment: Core Alignment( PAS Technology)

Splicing method: Arc splicing

Fiber Holder: Replaceable and suitable for the Splice of bare fiber ,pigtail ,patch cord, optical fiber drop cable and SC connector.

Display: Color 3.5 Inch TFT

Interface: USB 2.0

Splice Memory: 5 000 splices

Electrodes arc life time : At least 5000 times

Operating Temp: -18  $^{\circ}\text{C}$ ~50  $^{\circ}\text{C}$

Storage Temp: -40  $^{\circ}\text{C}$ ~80  $^{\circ}\text{C}$

Window Protection: Max. wind velocity of 15m/s

Power Supply: Internal Li-Battery, DC adaptor

Battery Capacity: More than 220 times of continuous splices and heats

Dimension: 125mm (Length) x 105mm (Width) x 113mm (Height)

Weight: 1.40 kg. (Include battery)

Standard package: Main body, cleaver, stripper, battery, charger, spare electrodes, cooling tray , manual CD, carry case, cleaning tools ( 10 items )

International Standards: According to European Council Low Voltage Directive LVD 73/23/EC and Electromagnetic Compatibility Directive EMC 89/336/EEC