

FUS ALK 88 - Core alignment fiber optic fusion splicer**General information**

ALK88 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, **ALK88** 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 μm ; Coating Diameter: 100~1000 μm
- 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: 35 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 4.3 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: 150mm (Length) x 160mm (Width) x 140mm (Height)
- Weight: 1.93 kg. (Include battery)
- Standard package: Main body, cleaver, stripper, internal battery, charger, spare electrodes, cooling tray , manual, flat drop cable slitter, carry case, bottle of alcohol (11 items)
- International Standards: According to European Council Low Voltage Directive LVD 73/23/EC and Electromagnetic Compatibility Directive EMC 89/336/EEC