

ALK-A9L

PRODUCT FEATURES

- * 8S fast splicing
- * 5-inch touch screen display.
- * Touch screen tap to enlarge the splicing image.
- * Newest Linux OS. Faster operation, more stable splicing and less loss.
- * Auto detection of fiber and splice.
- * 2 megapixel camera.
- * Hard Drive Storage 8G + 1G RAM
- * Running speed 4-core 1.8G



5 Inch
Color LCD Screen



Fully-Auto
Fast Splice



High Altitude
Dustproof Waterproof

GENERAL PARAMETERS



V-groove design



High speed V-groove design oven



High resolution display with touch option

SPECIFICATION

Applicable Optical Fiber Types	SM (.652/G.657). MM (G.651). DS (G653). NZDS (G.655). Bi.1. UB1. EDF-1 G657B3-1.
Applicable fiber core number	Single Core
Motor Number	6 Motors, Auto Focus
Alignment	Core Alignment, Cladding Alignment, Fine Alignment, Manual
Applicable Fiber diameter	Cladding Dia. 125-150um. Coating Dia. 250-10000um
Splice Mode	Prestore 15 groups. User define 1000 groups
Splice Function	Splice by step (semi-automatic and manual). Automatic splice.
Average Fusion Splice Loss	0.02dB(SM), 0.01dB(MM), 0.02dB (CS), 0.04dB (DS), 0.4dB (NZ-DS).
Return Loss	Better than 60dB
Splice Loss Estimation	Yes
Screen	5"colour LCD, Support for Chinese, English, Spanish, Russian, French, Portuguese, etc.
Human Interface mode	Button / Touch operation.
Optical Fiber Magnification Times	X/Y 210 times, X or Y 320 times (Images can be double-clicked to magnify 1100 times)
OS System	Linux OS
Power Supply	11.1V Lithium battery, 13.5V / 5A power adaptor
Battery	Typical use 280 cycles (Splice / Heating: Fast charge 3 hours, Recharge cycles: 500 times, 6800mAh Li-battery)
Power Saving Function	Automatic standby, Automatic shutdown, Manual.
Splice Results Storage	100000 sets of splice record storage
Image Storage	10,000 image Storage
Electrode Life	≤6000
Data interface	USB 2.0 support splice data export and software upgrades.
Operation Environment	Environment (0-5000m), relative humidity, 0-95%, Temp -20 ~ 55 °C, Max wind speed 15m/s
Storage Environment	Relative humidity 0-95%, Temp -30 ~60 °C
Weight	1.43kg (without battery), 1.85 kg (with battery).
size	166D x 144W x 158H (mm)
Sleeve dimension	2mm, 3mm 4mm, 6mm.
Sleeve Length	25mm, 40mm, 45mm 60mm. User programable.
Heating Temp	10 ~ 260 °C
Sleeve Auto-Heat	Automatic when heating cover closed.
Night Work Lighting	LED Double lights
Removable Battery	Yes
Tension Test	>2N
One-touch ARC Correction	Yes
Battery Safety Protection	Yes
GPS Location Function	Optional
Password Control Function	Optional

STANDARD PACKAGE

ALK-A3 Optical Fiber Fusion Splicer		Fiber Cleaver	Electrode	AC Adapter
AC power cord	Fiber stripper	Alcohol Bottle	Car charger (Optional)	
Carrying Case	Dust Blowing Ball	Test report	Cooling Tray	
Instruction Manual	Multi-functional Fiber holder			